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GEI



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Geotechnical
Environmental and
Water Resources
Engineering

DEP RTN 3-23246

Volume 2: Appendix B (continued)

**IRA Status Report No. 2 and Plan
Modification No. 3**

50 Tufts Street, Somerville, MA

Submitted to:

UniFirst Corporation
68 Jonspin Road
Wilmington, MA 01887

Submitted by:

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1021 Main Street
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November 13, 2006

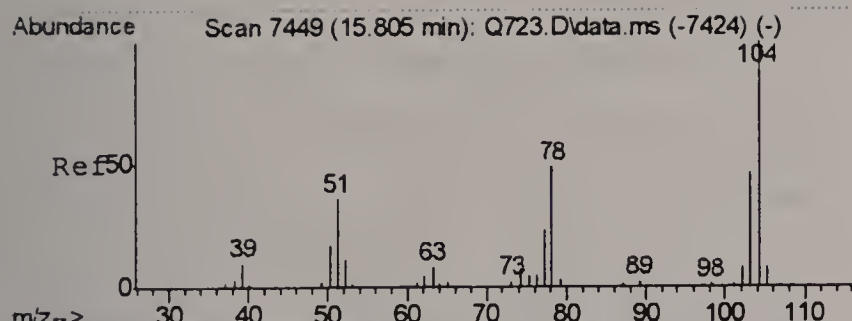
Project 04516-2

REF
354
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GEI

Heen S. Gladstone, P.E., LSP
Vice President

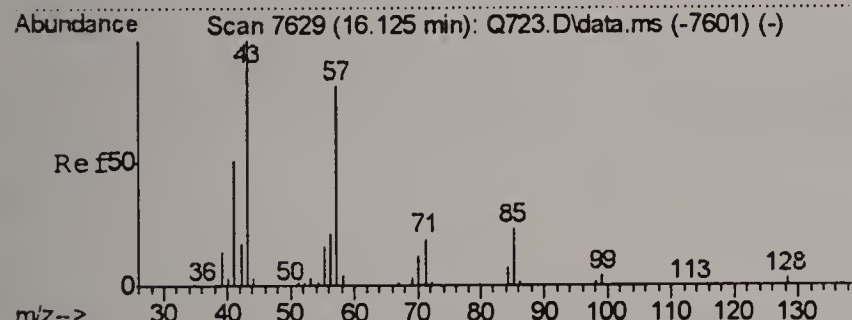
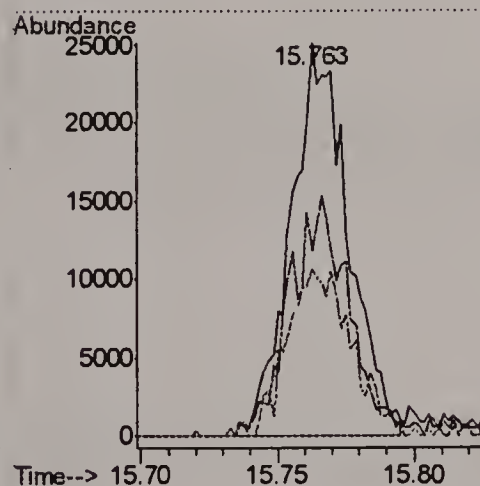
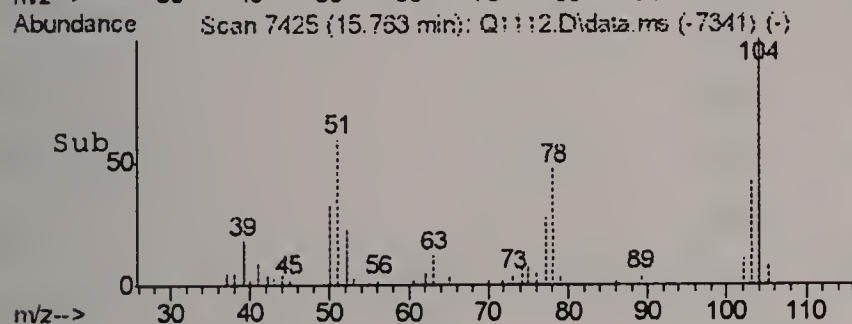
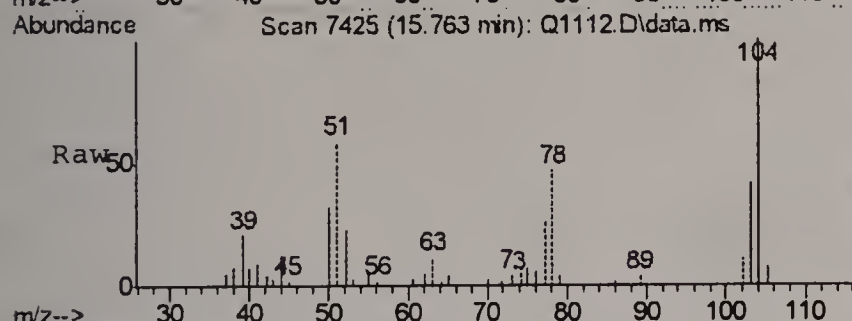
Appendix B (continued)

Summa Canister Certifications and Air Sampling Laboratory Data Sheets



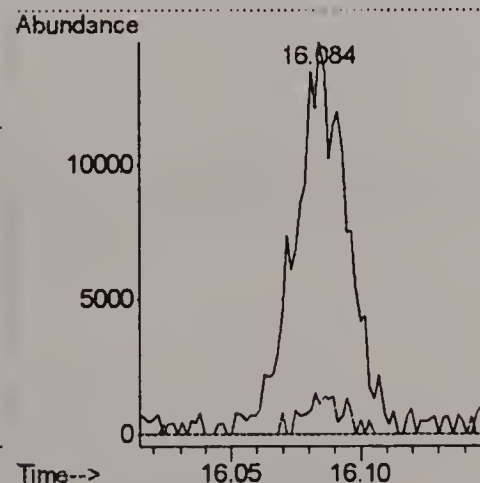
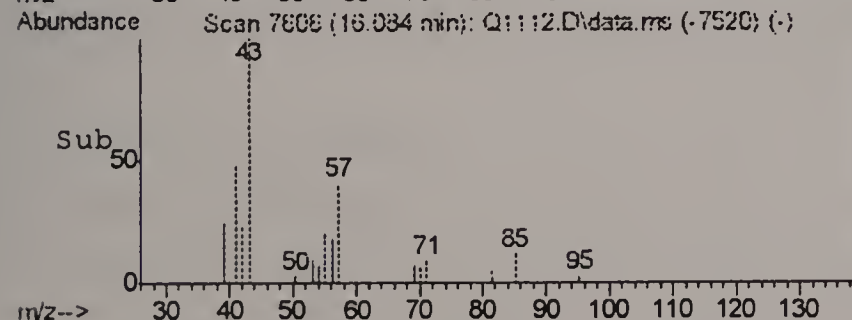
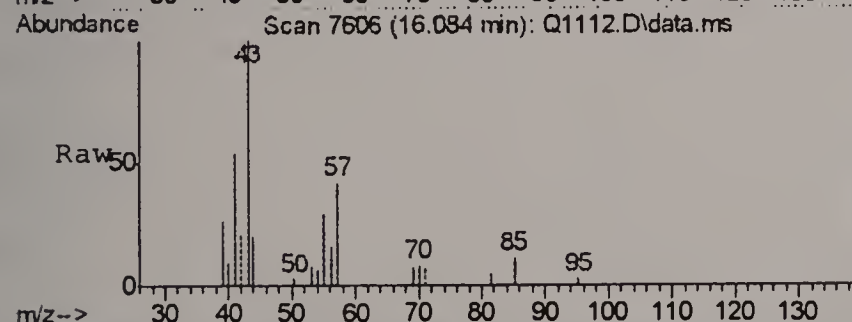
#58
 STYRENE
 Concen: 2.07 PPBV
 RT: 15.763 min Scan# 7425
 Delta R.T. -0.005 min
 Lab File: Q1112.D
 Acq: 19 Jul 2006 7:29 pm

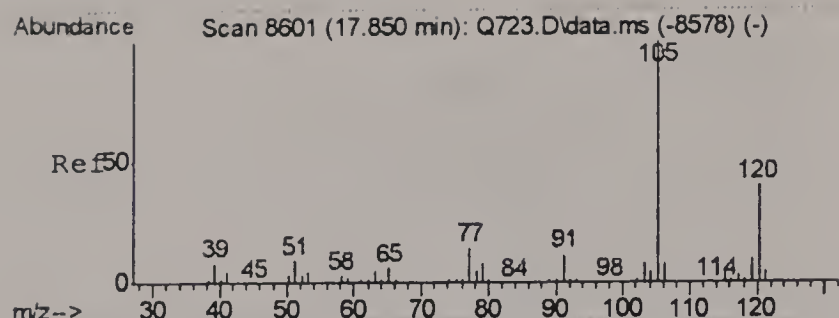
Tgt Ion	Ratio	Lower	Upper
104	100		
78	62.6	40.8	80.8
103	47.9	28.5	68.5



#59
 NONANE
 Concen: 0.18 PPBV
 RT: 16.084 min Scan# 7606
 Delta R.T. -0.002 min
 Lab File: Q1112.D
 Acq: 19 Jul 2006 7:29 pm

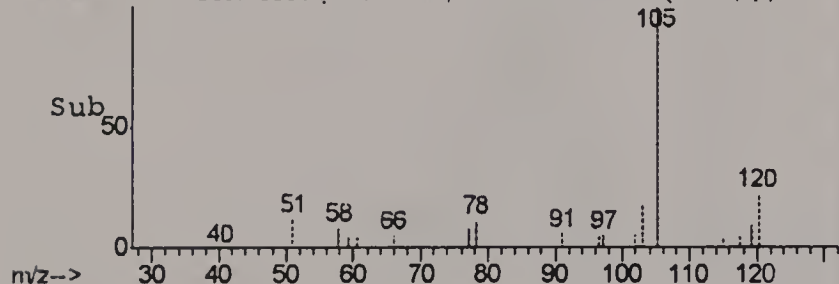
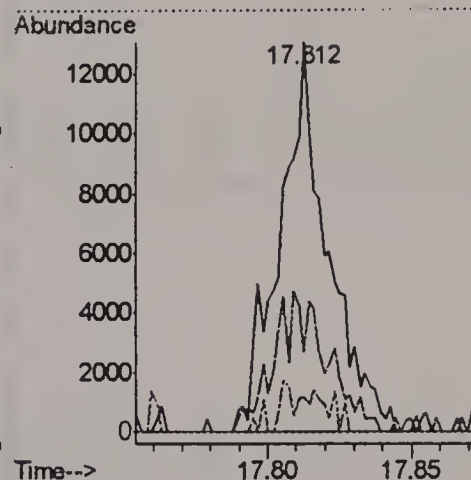
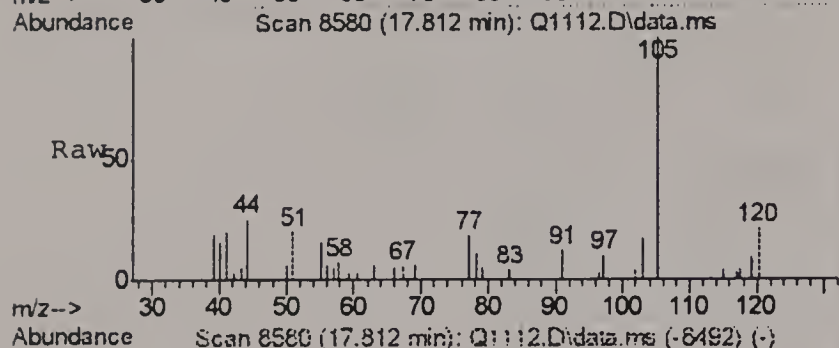
Tgt Ion	Ratio	Lower	Upper
43	100		
71	7.9	0.0	31.5
128	0.0	0.0	21.2





#67
 1,2,4-TRIMETHYLBENZENE
 Concen: 0.99 PPBV
 RT: 17.812 min Scan# 8580
 Delta R.T. 0.000 min
 Lab File: Q1112.D
 Acq: 19 Jul 2006 7:29 pm

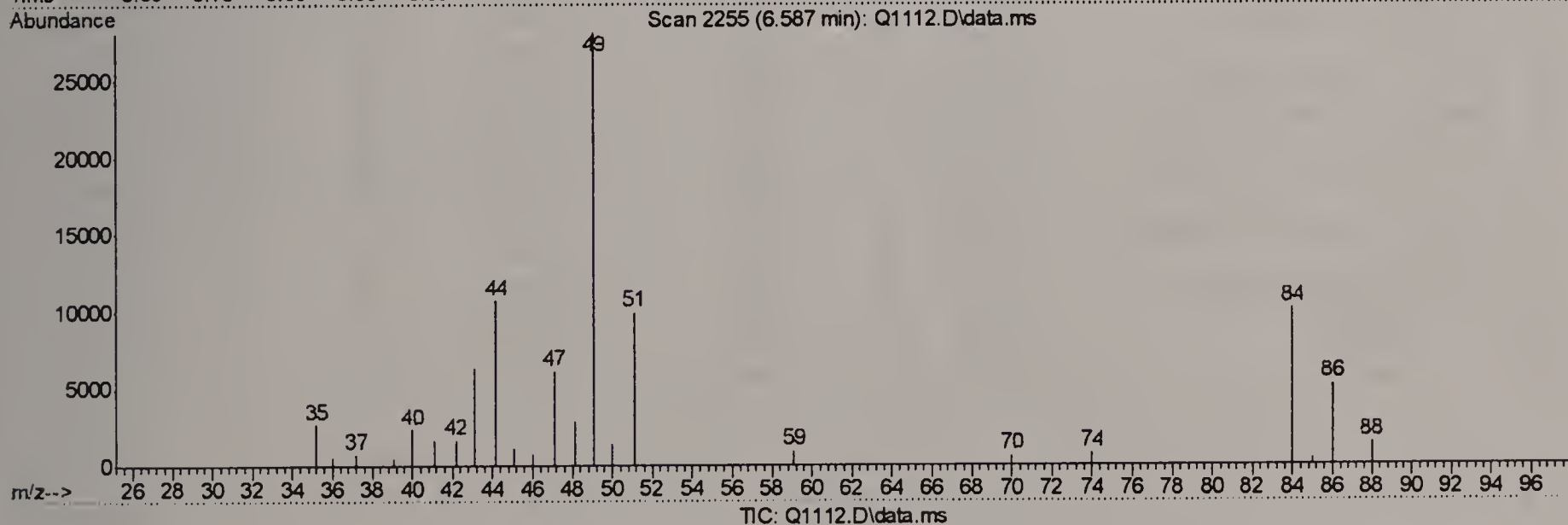
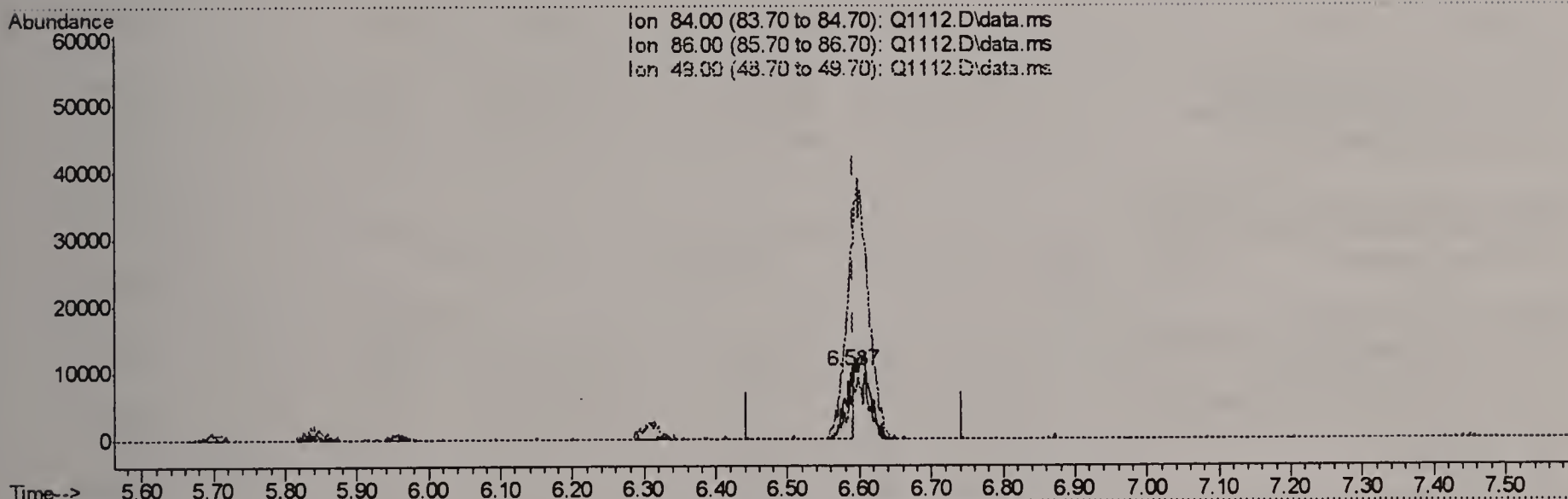
Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.1	18.2	58.2
119	5.1	0.0	29.5



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1112.D
 Acq On : 19 Jul 2006 7:29 pm
 Operator : DougY
 Sample : M57573-7 (M129)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 20 08:27:26 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

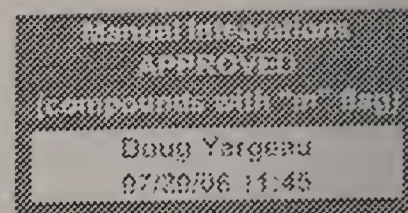


(18) METHYLENE CHLORIDE (m)

6.587min (-0.005) 0.25PPBV

response 8479

Ion	Exp%	Act%
84.00	100	100
86.00	64.20	217.83#
49.00	319.30	919.48#
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1113.D
Acq On : 19 Jul 2006 8:14 pm
Operator : DougY
Sample : M57573-8 (M057)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 20 09:44:35 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	230415	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.524	114	867877	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.767	117	647573	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.389	95	203387	4.17	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	83.40%

Target Compounds

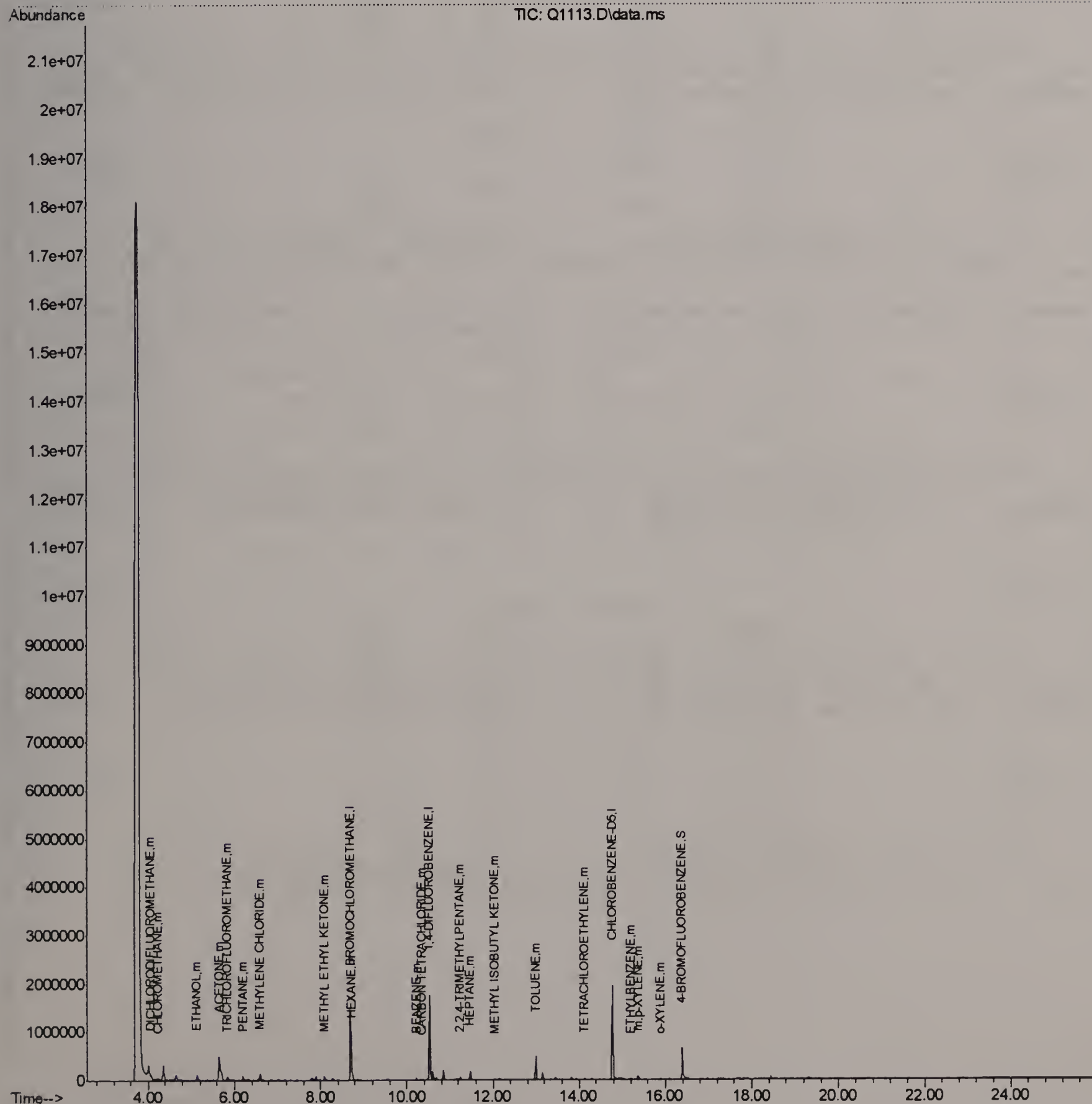
						Qvalue
2) DICHLORODIFLUOROMETHANE	4.063	85	88421	0.69	PPBV	98
5) CHLOROMETHANE	4.230	50	47153	0.80	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.836	101	76234m	0.58	PPBV	
12) ACETONE	5.641	43	917466	10.02	PPBV	96
13) PENTANE	6.200	42	44652	0.78	PPBV	93
16) ETHANOL	5.137	45	168393	9.61	PPBV	95
18) METHYLENE CHLORIDE	6.592	84	42205	1.51	PPBV	91
25) HEXANE	8.726	57	34823	0.59	PPBV	93
28) METHYL ETHYL KETONE	8.092	43	116655	1.41	PPBV	95
33) CARBON TETRACHLORIDE	10.353	117	7301	0.11	PPBV	95
36) BENZENE	10.213	78	24339	0.44	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.232	57	36969	0.21	PPBV #	46
43) HEPTANE	11.468	43	77752	1.04	PPBV	99
44) METHYL ISOBUTYL KETONE	12.046	43	14576	0.17	PPBV	97
46) TOLUENE	12.983	92	132797	4.40	PPBV	98
51) TETRACHLOROETHYLENE	14.119	164	5151	0.36	PPBV	92
55) ETHYLBENZENE	15.195	91	17761	0.86	PPBV	99
56) m,p-XYLENE	15.369	106	19054	1.97	PPBV #	95
57) o-XYLENE	15.889	106	5448	0.82	PPBV	93

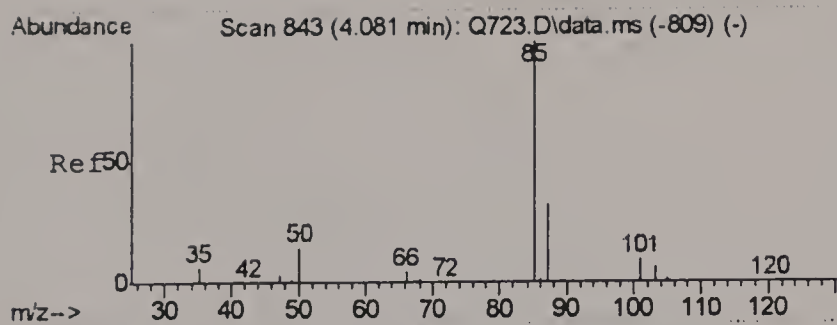
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1113.D
 Acq On : 19 Jul 2006 8:14 pm
 Operator : DougY
 Sample : M57573-8 (M057)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

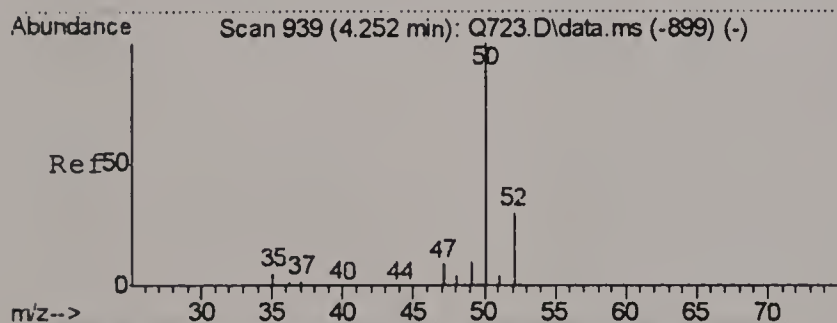
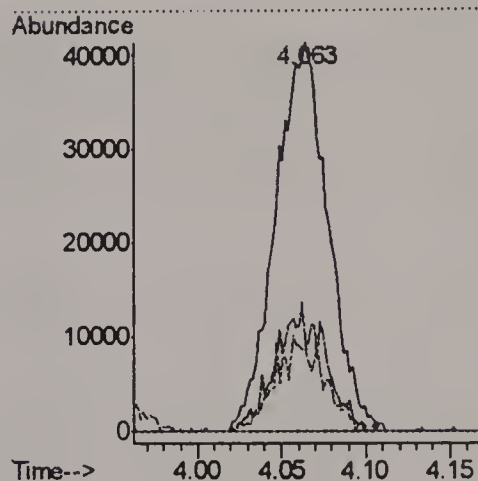
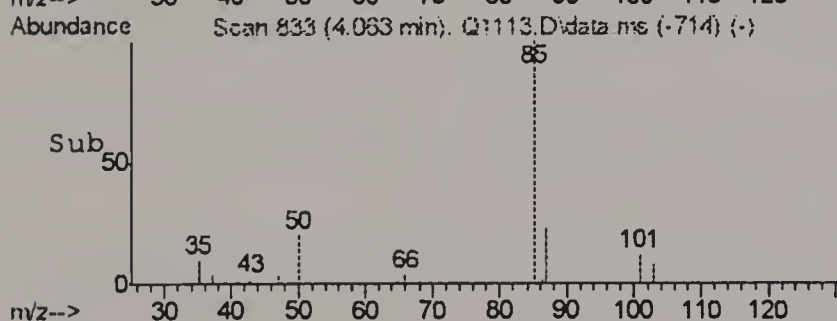
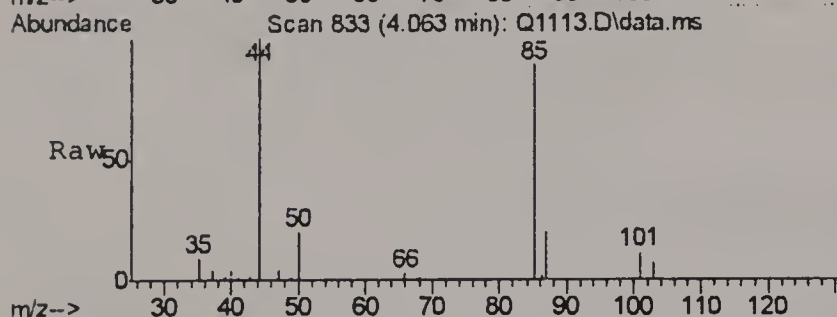
Quant Time: Jul 20 09:44:35 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





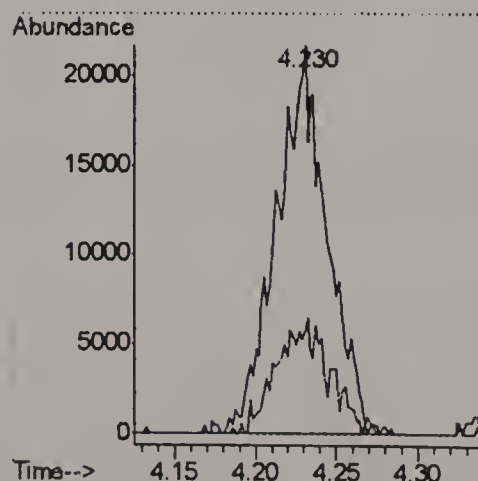
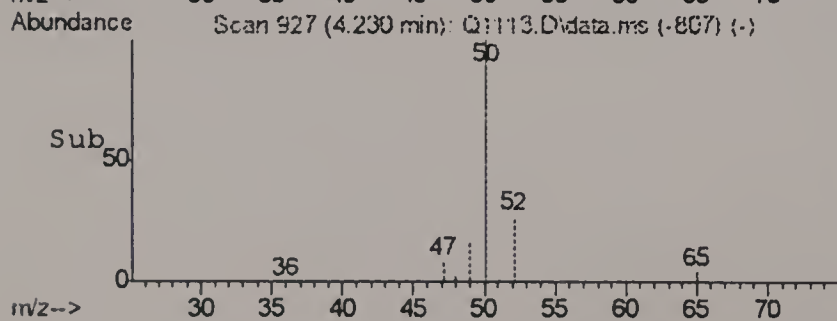
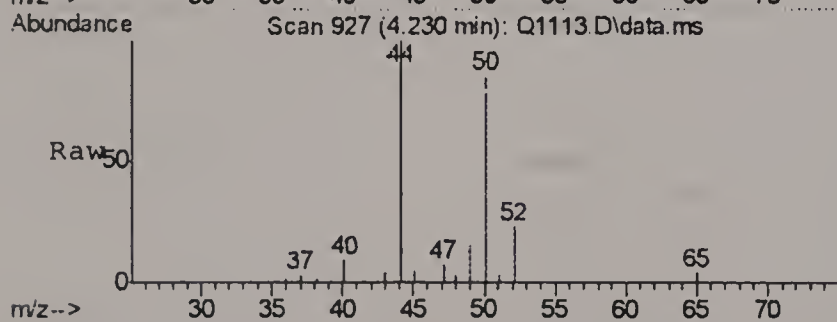
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.69 PPBV
 RT: 4.063 min Scan# 833
 Delta R.T. 0.005 min
 Lab File: Q1113.D
 Acq: 19 Jul 2006 8:14 pm

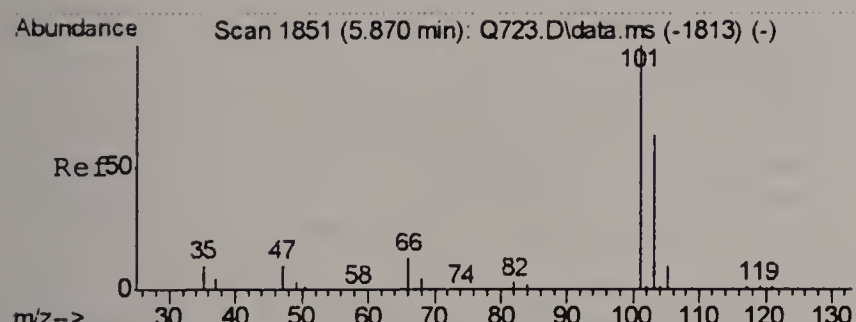
Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.5	12.1	52.1
50	22.4	1.6	41.6



#5
 CHLOROMETHANE
 Concen: 0.80 PPBV
 RT: 4.230 min Scan# 927
 Delta R.T. 0.007 min
 Lab File: Q1113.D
 Acq: 19 Jul 2006 8:14 pm

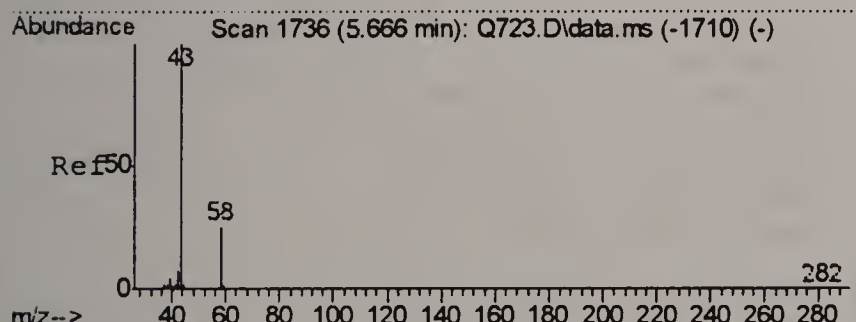
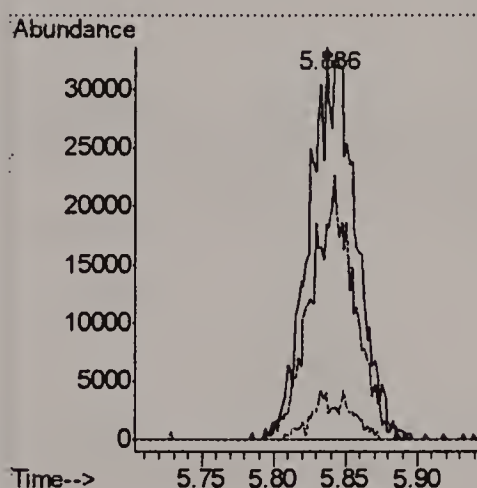
Tgt Ion	Ratio	Lower	Upper
50	100		
52	27.1	7.1	47.1





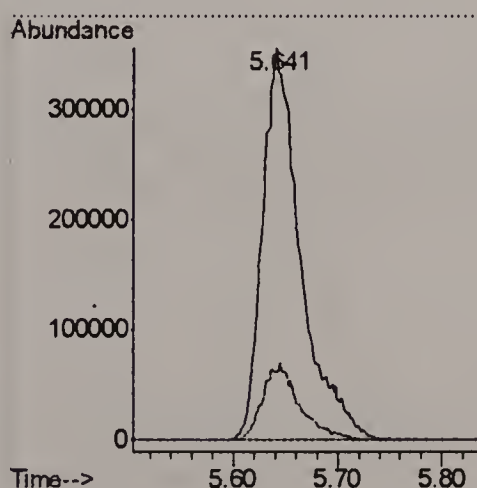
#10
TRICHLOROFLUOROMETHANE
Concen: 0.58 PPBV m
RT: 5.836 min Scan# 1832
Delta R.T. -0.000 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

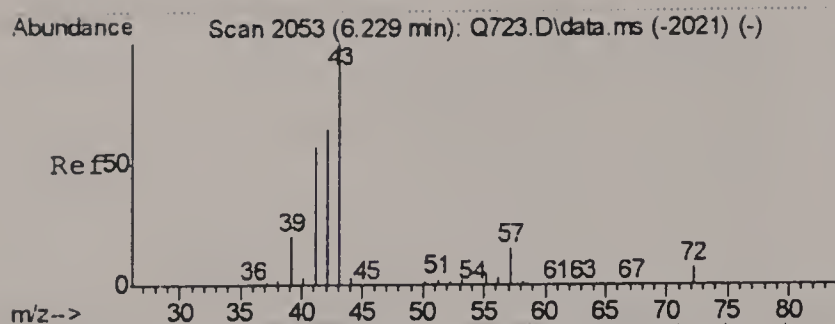
Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.6	44.2	84.2
105	5.8	0.0	30.2



#12
ACETONE
Concen: 10.02 PPBV
RT: 5.641 min Scan# 1722
Delta R.T. 0.005 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

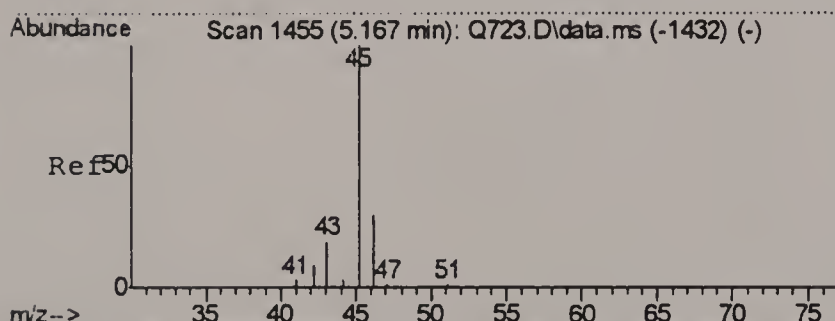
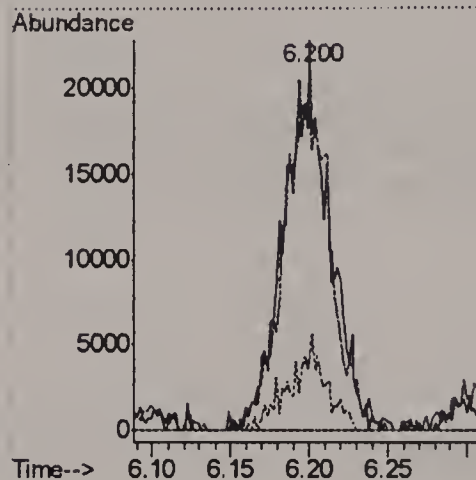
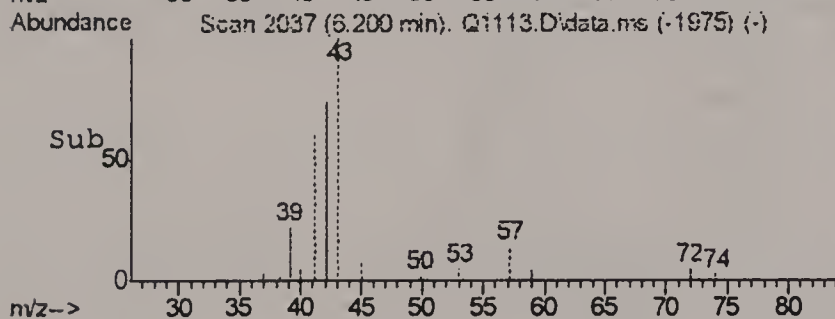
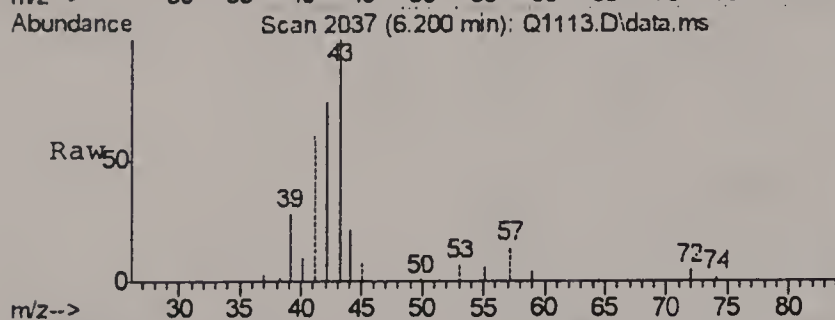
Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	37.4





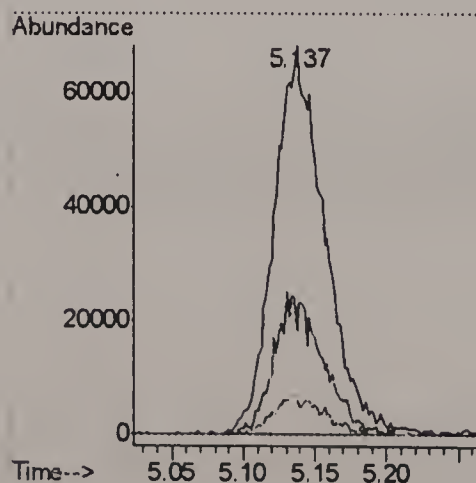
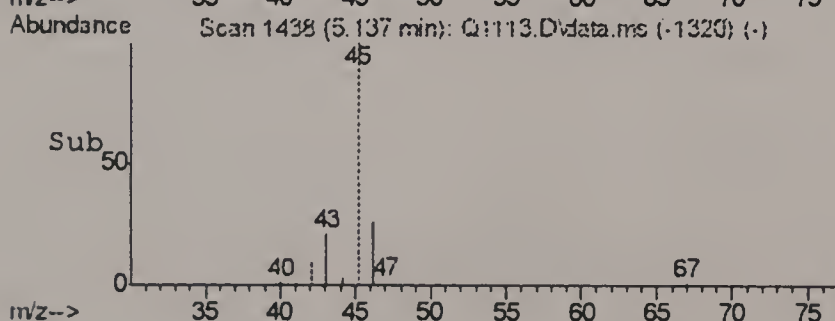
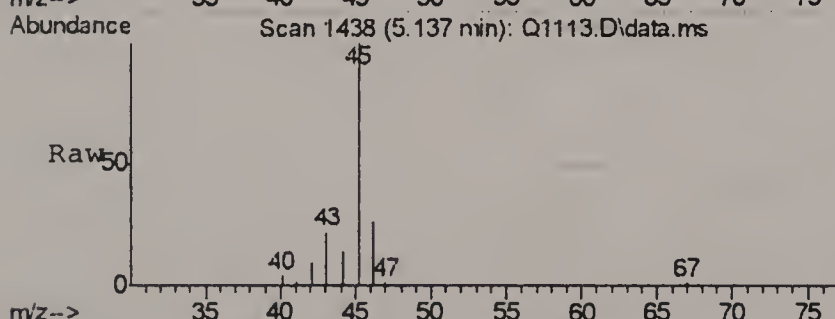
#13
PENTANE
Concen: 0.78 PPBV
RT: 6.200 min Scan# 2037
Delta R.T. 0.007 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

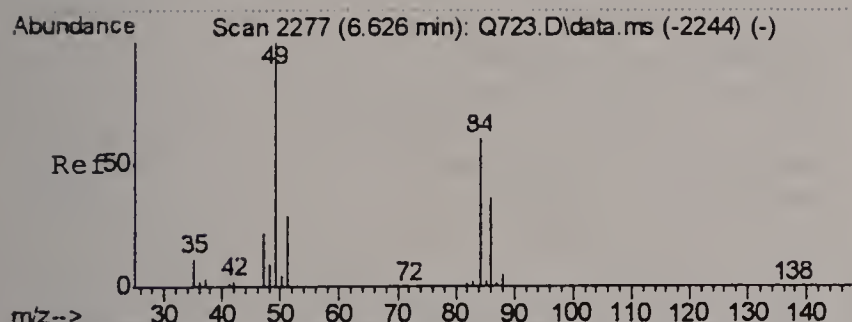
Tgt Ion	Ratio	Lower	Upper
42	100		
41	93.8	80.1	120.1
57	13.6	0.0	37.8



#16
ETHANOL
Concen: 9.61 PPBV
RT: 5.137 min Scan# 1438
Delta R.T. 0.003 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

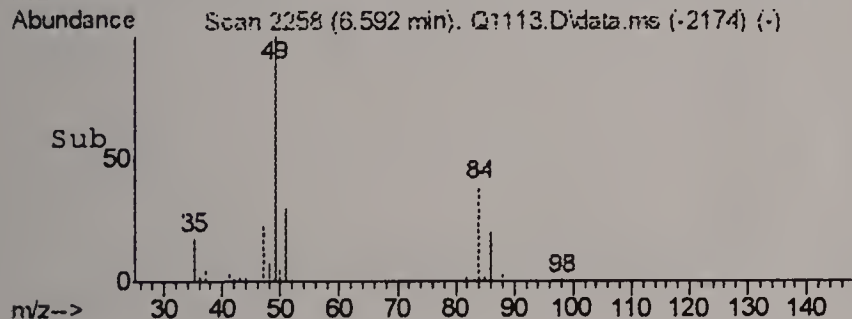
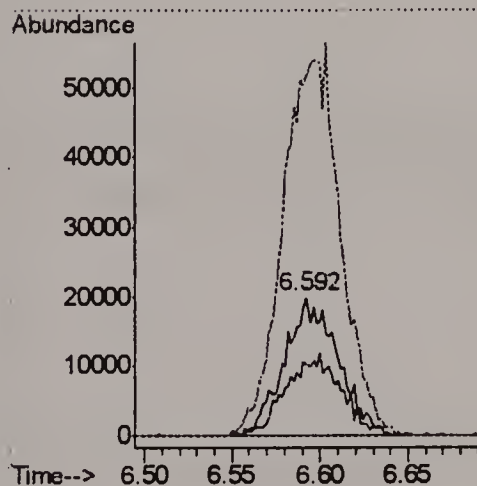
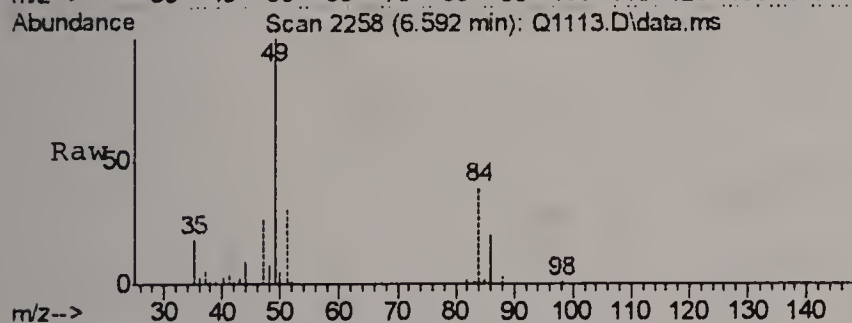
Tgt Ion	Ratio	Lower	Upper
45	100		
46	35.1	13.2	53.2
42	10.2	0.0	26.3





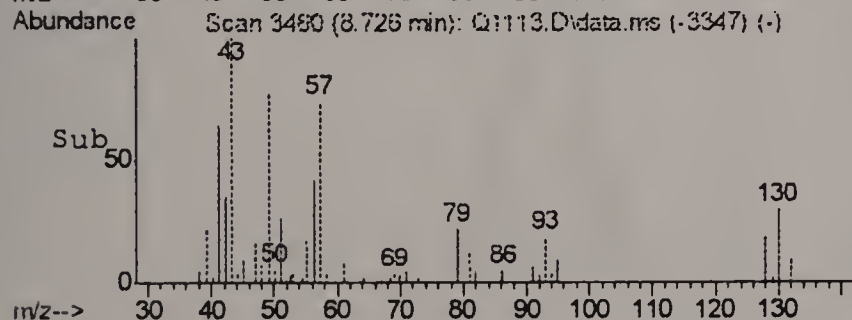
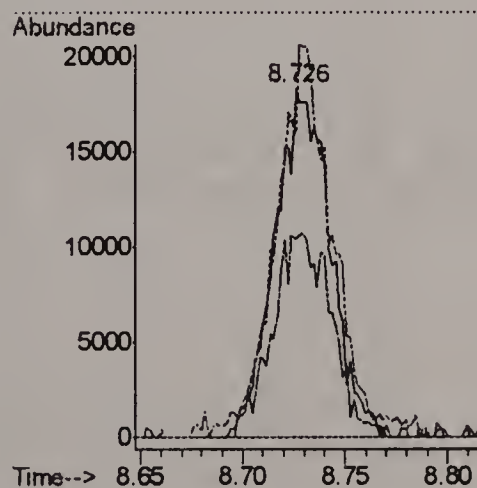
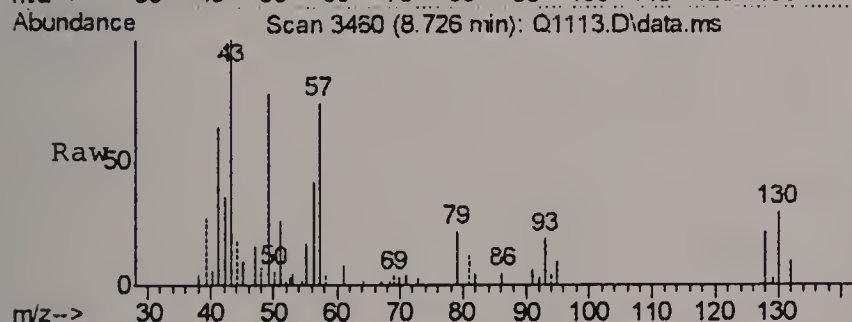
#18
METHYLENE CHLORIDE
Concen: 1.51 PPBV
RT: 6.592 min Scan# 2258
Delta R.T. -0.000 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

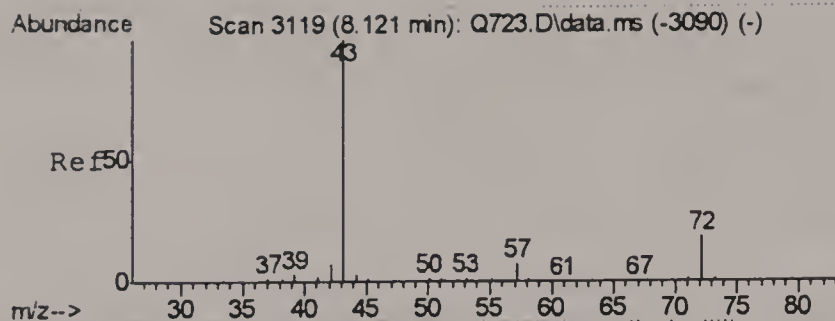
Tgt Ion	Ratio	Lower	Upper
84	100		
86	60.6	44.2	84.2
49	298.8	119.3	519.3



#25
HEXANE
Concen: 0.59 PPBV
RT: 8.726 min Scan# 3460
Delta R.T. -0.005 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

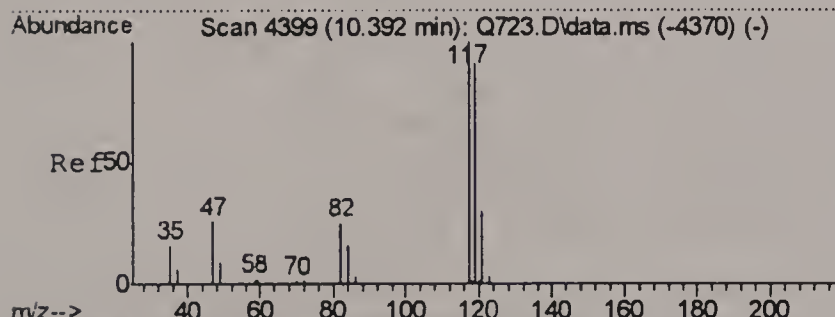
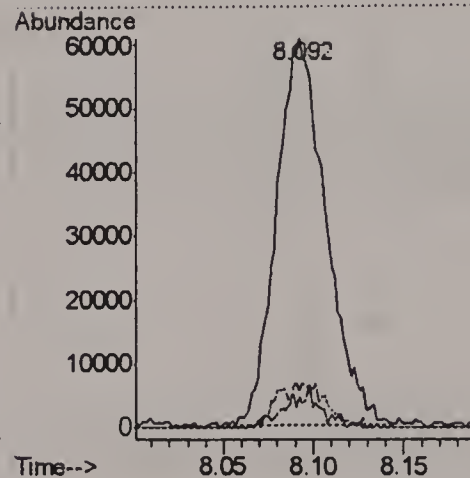
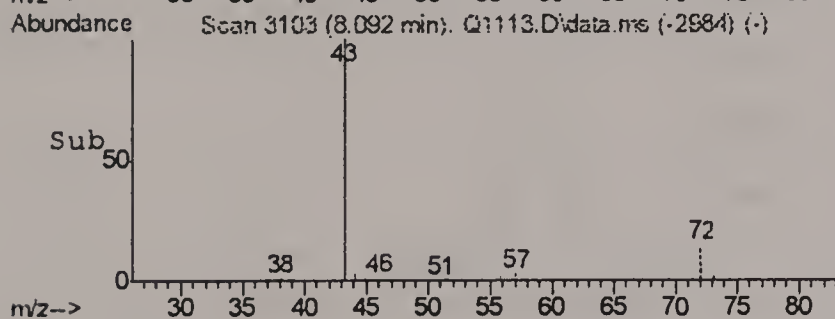
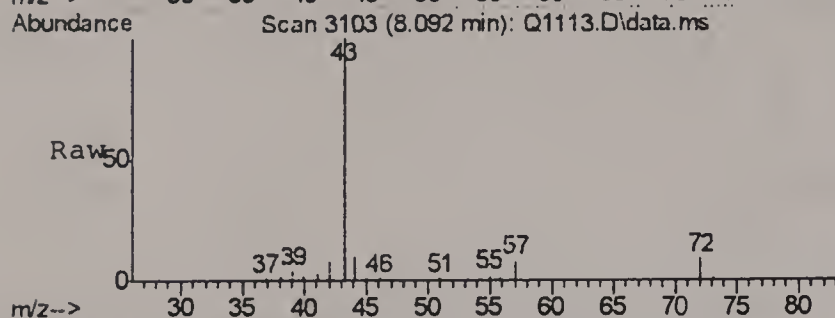
Tgt Ion	Ratio	Lower	Upper
57	100		
56	62.9	38.6	78.6
41	112.5	84.1	124.1





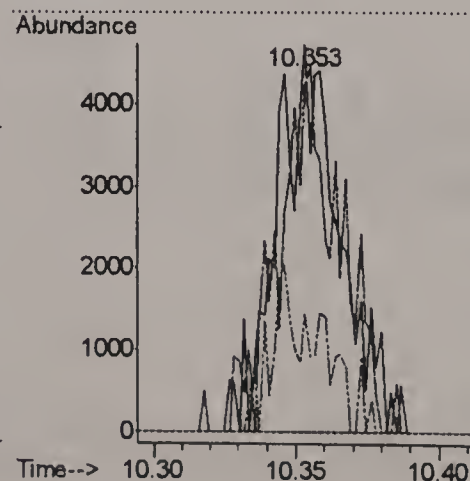
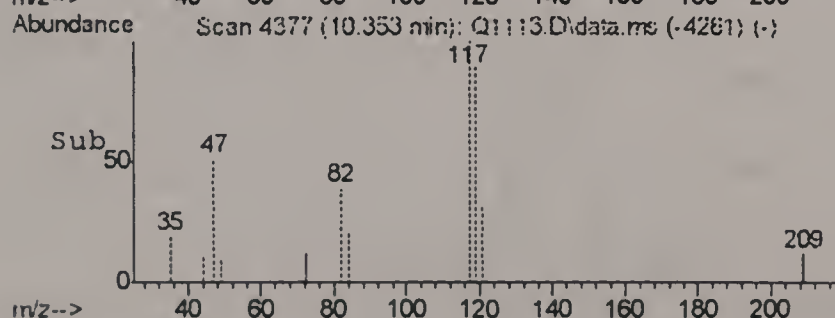
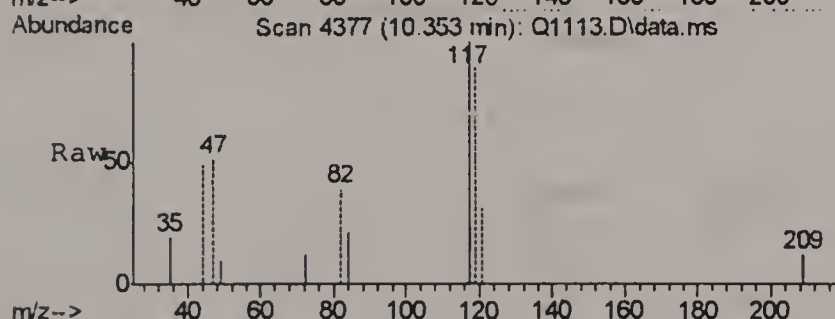
#28
METHYL ETHYL KETONE
Concen: 1.41 PPBV
RT: 8.092 min Scan# 3103
Delta R.T. 0.005 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

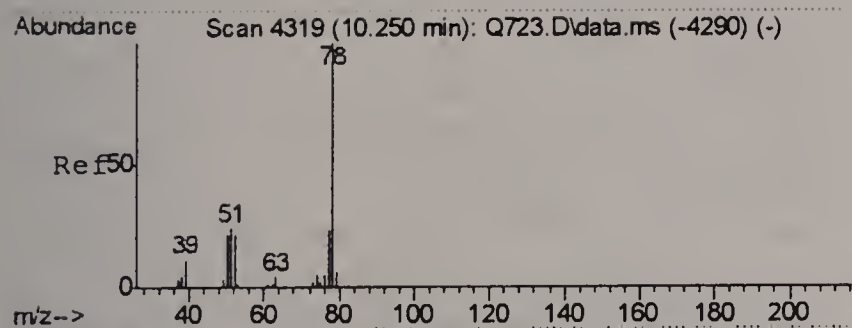
Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	26.0
72	9.5	0.0	31.5



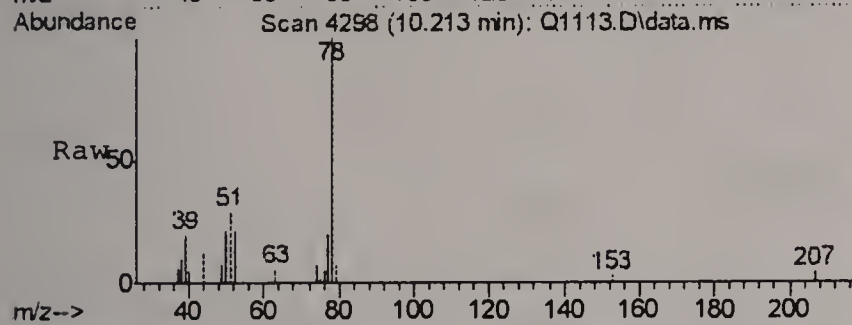
#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.353 min Scan# 4377
Delta R.T. -0.000 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	74.9	114.9
121	31.6	9.3	49.3

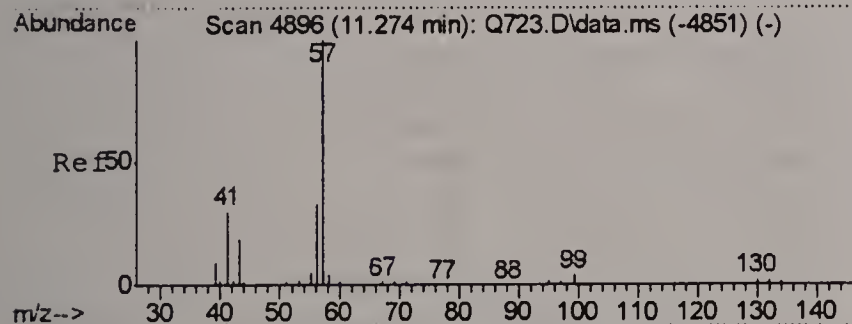
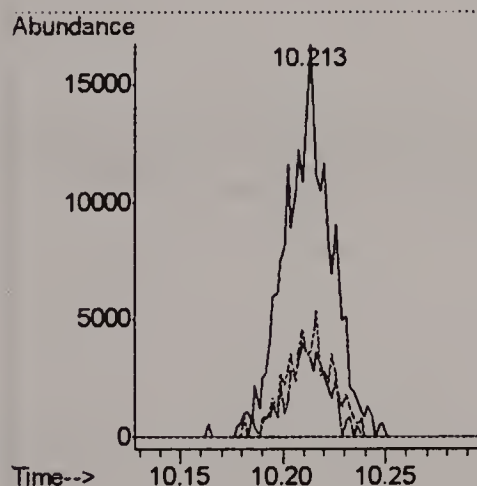
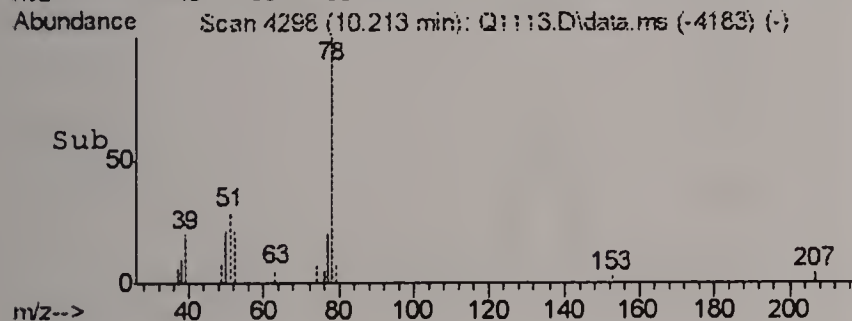




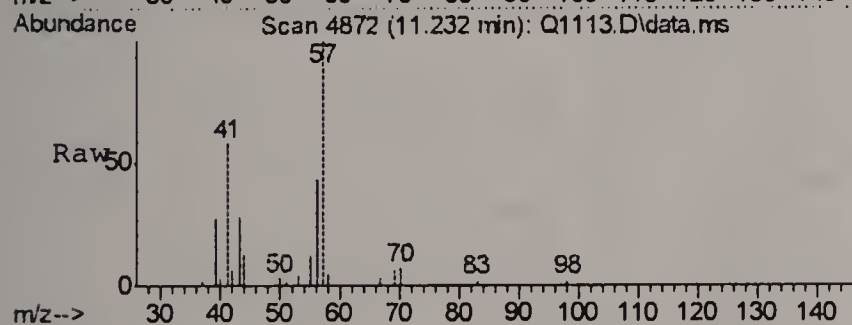
#36
 BENZENE
 Concen: 0.44 PPBV
 RT: 10.213 min Scan# 4298
 Delta R.T. -0.002 min
 Lab File: Q1113.D
 Acq: 19 Jul 2006 8:14 pm



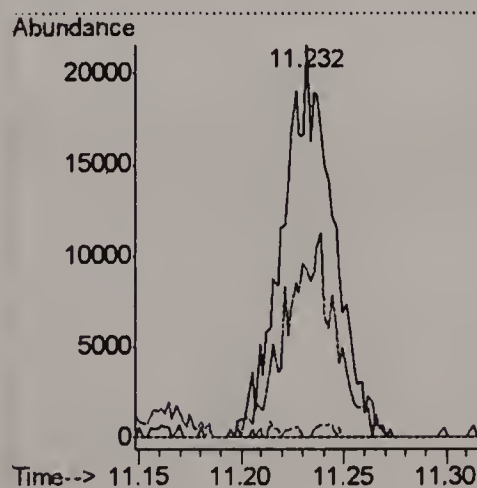
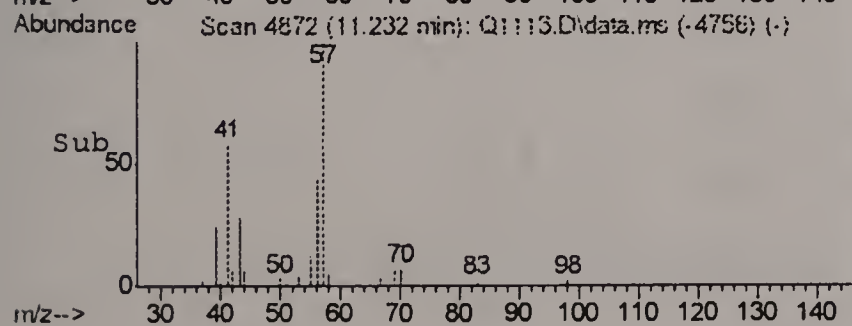
Tgt Ion: 78 Resp: 24339
 Ion Ratio Lower Upper
 78 100
 77 22.8 4.3 44.3
 52 29.0 10.0 50.0

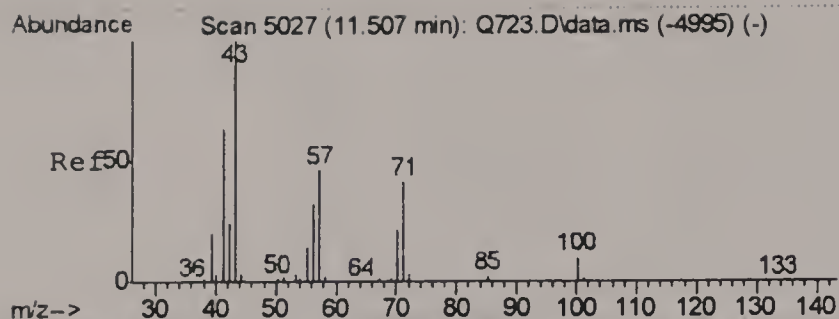


#41
 2,2,4-TRIMETHYLPENTANE
 Concen: 0.21 PPBV
 RT: 11.232 min Scan# 4872
 Delta R.T. -0.000 min
 Lab File: Q1113.D
 Acq: 19 Jul 2006 8:14 pm



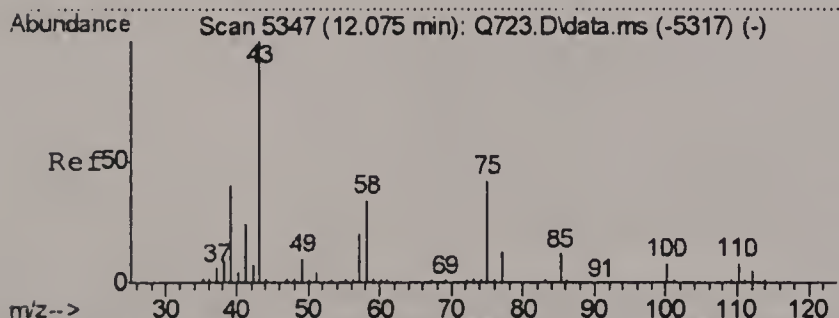
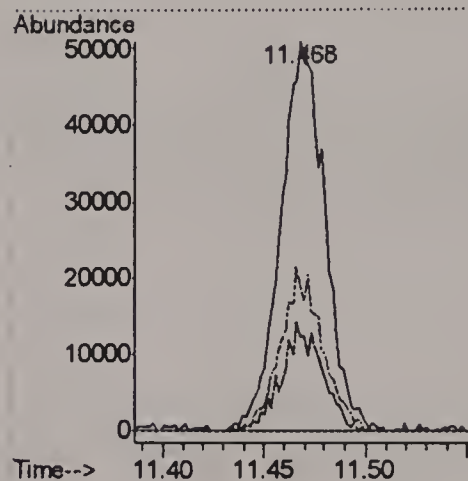
Tgt Ion: 57 Resp: 36969
 Ion Ratio Lower Upper
 57 100
 56 0.0 14.1 54.1#
 99 0.7 0.0 23.8





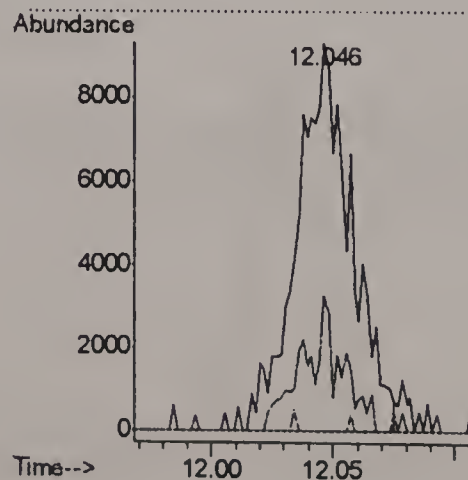
#43
HEPTANE
Concen: 1.04 PPBV
RT: 11.468 min Scan# 5005
Delta R.T. -0.004 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

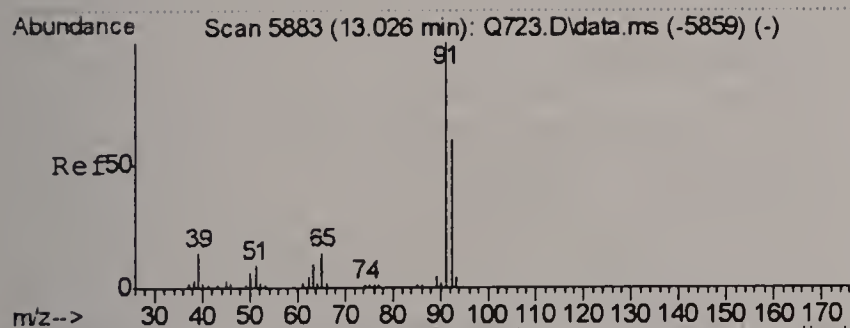
Tgt Ion: 43 Resp: 77752
Ion Ratio Lower Upper
43 100
71 25.7 5.6 45.6
57 39.4 18.2 58.2



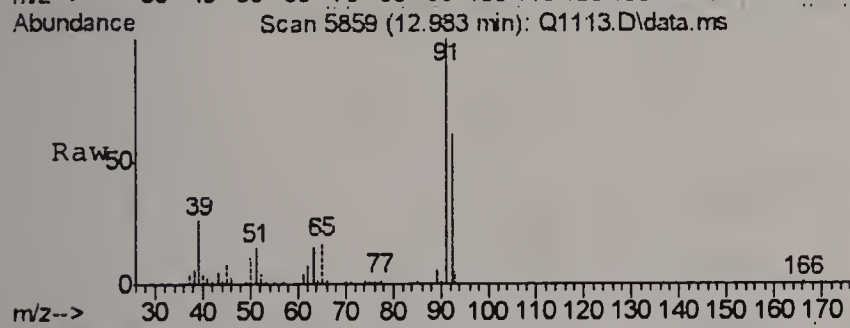
#44
METHYL ISOBUTYL KETONE
Concen: 0.17 PPBV
RT: 12.046 min Scan# 5331
Delta R.T. 0.007 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

Tgt Ion: 43 Resp: 14576
Ion Ratio Lower Upper
43 100
58 24.3 5.5 45.5
100 0.3 0.0 23.8

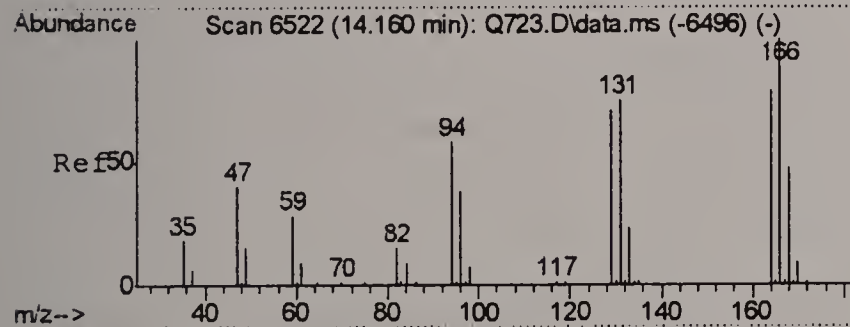
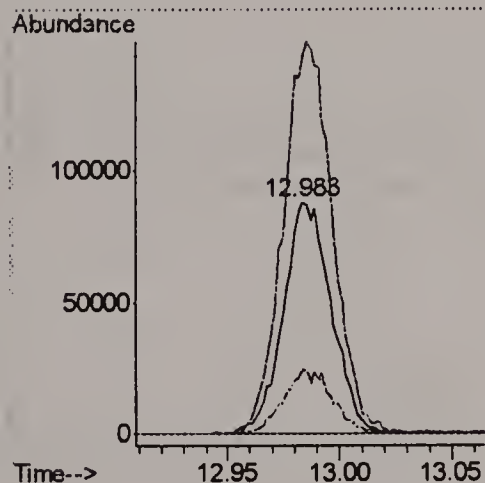
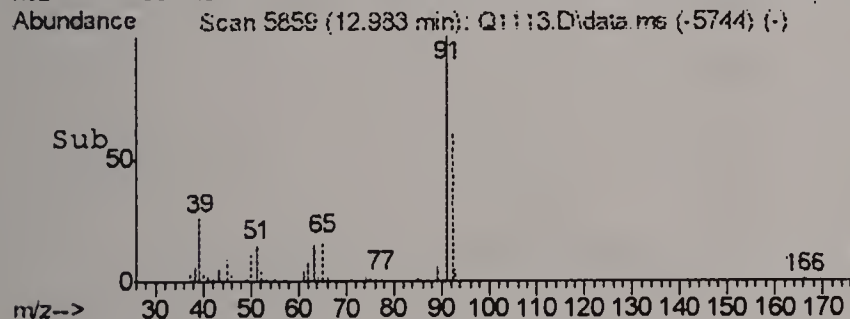




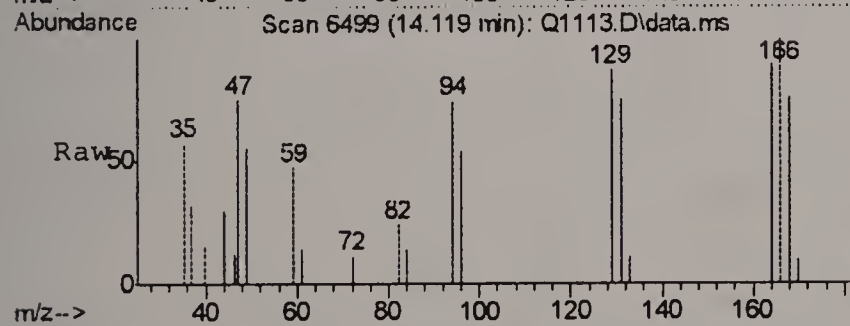
#46
TOLUENE
Concen: 4.40 PPBV
RT: 12.983 min Scan# 5859
Delta R.T. -0.003 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm



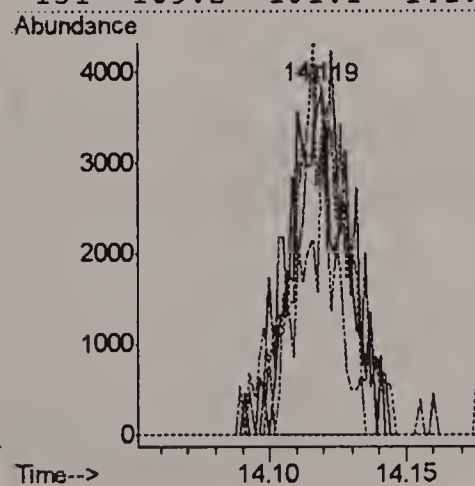
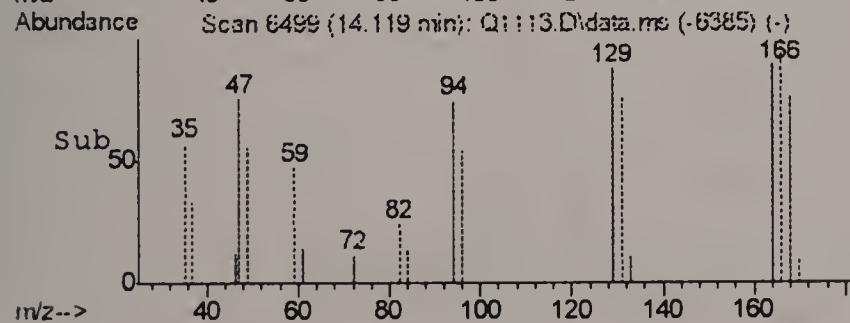
Tgt Ion: 92 Resp: 132797
Ion Ratio Lower Upper
92 100
91 174.4 156.4 196.4
65 28.3 10.3 50.3

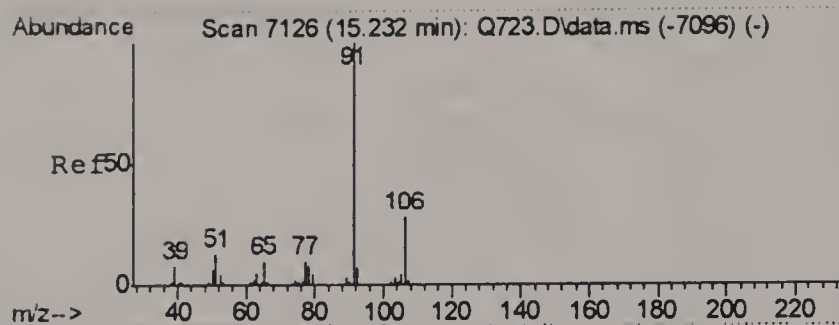


#51
TETRACHLOROETHYLENE
Concen: 0.36 PPBV
RT: 14.119 min Scan# 6499
Delta R.T. -0.004 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm



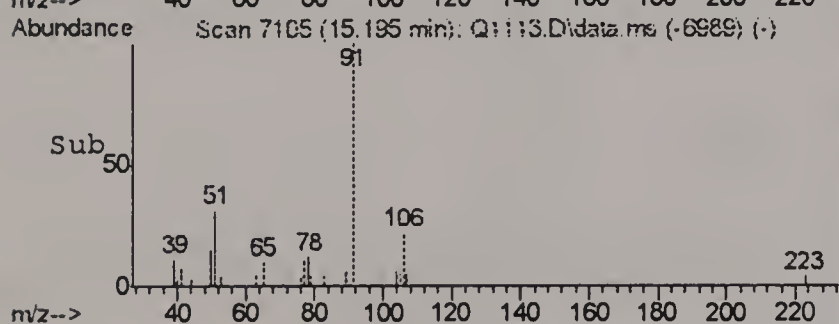
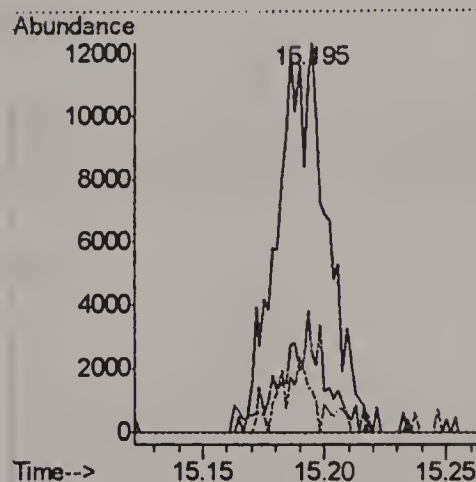
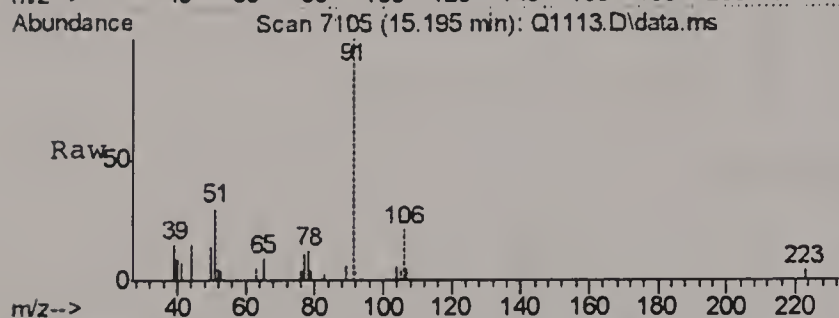
Tgt Ion: 164 Resp: 5151
Ion Ratio Lower Upper
164 100
129 112.9 102.5 142.5
168 58.3 39.4 79.4
131 109.2 101.1 141.1





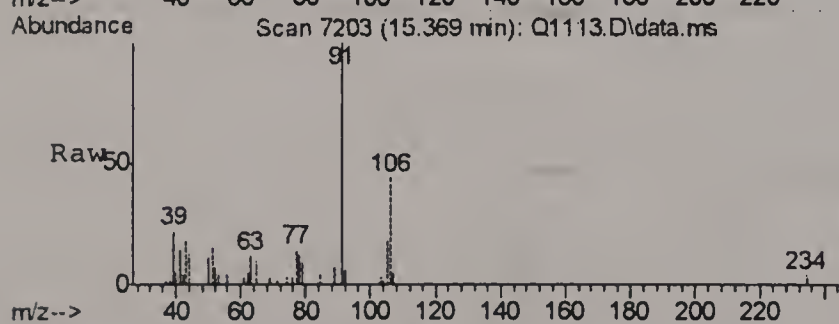
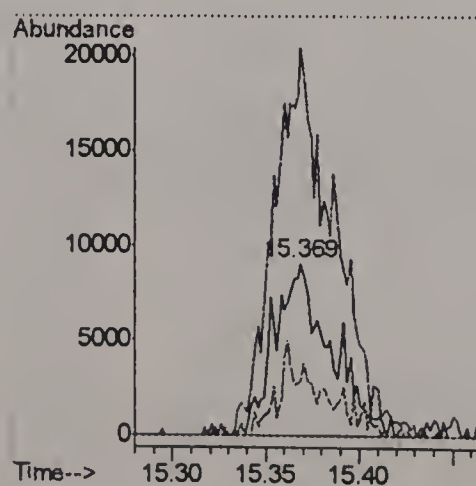
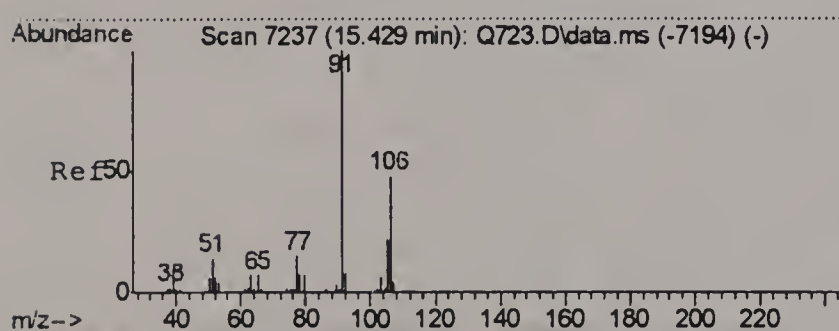
#55
ETHYLBENZENE
Concen: 0.86 PPBV
RT: 15.195 min Scan# 7105
Delta R.T. 0.001 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

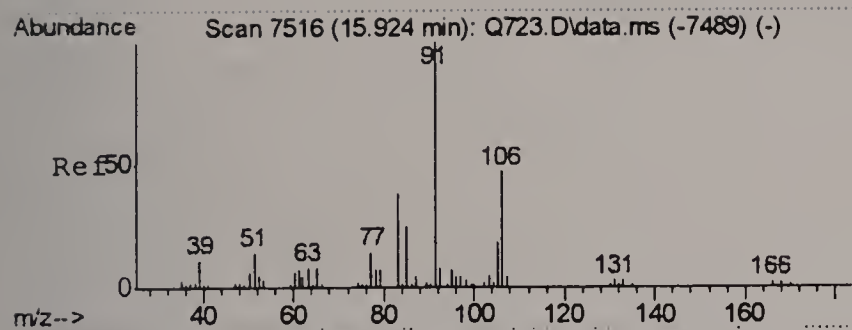
Tgt Ion	Ratio	Lower	Upper
91	100		
106	25.3	5.2	45.2
77	13.3	0.0	31.7



#56
m,p-XYLENE
Concen: 1.97 PPBV
RT: 15.369 min Scan# 7203
Delta R.T. -0.017 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

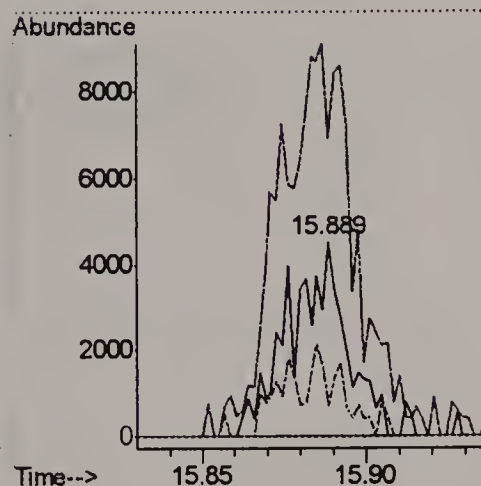
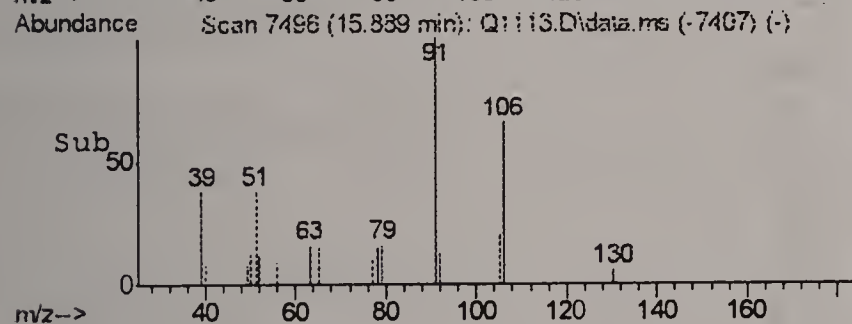
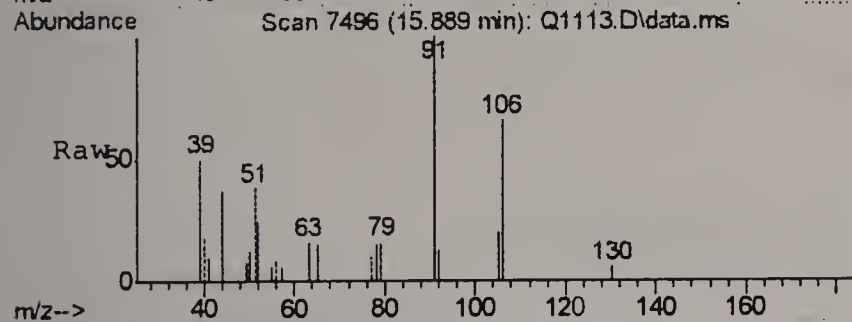
Tgt Ion	Ratio	Lower	Upper
106	100		
91	225.5	176.7	265.1
77	30.7	31.4	47.2#





#57
o-XYLENE
Concen: 0.82 PPBV
RT: 15.889 min Scan# 7496
Delta R.T. 0.004 min
Lab File: Q1113.D
Acq: 19 Jul 2006 8:14 pm

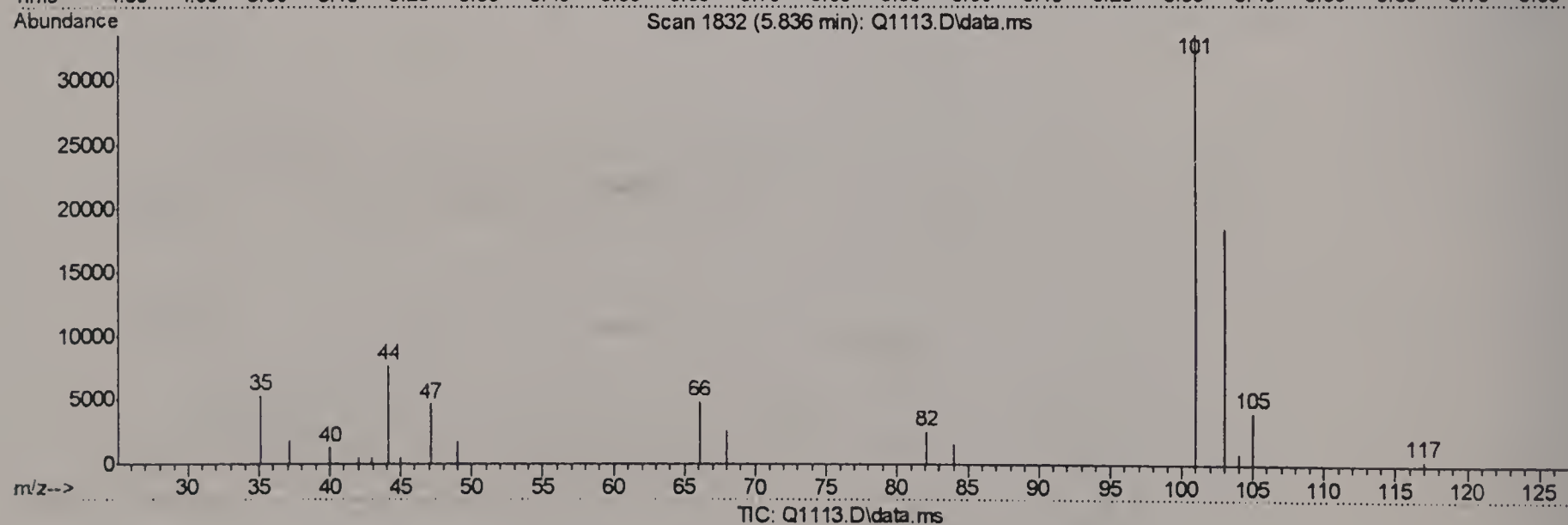
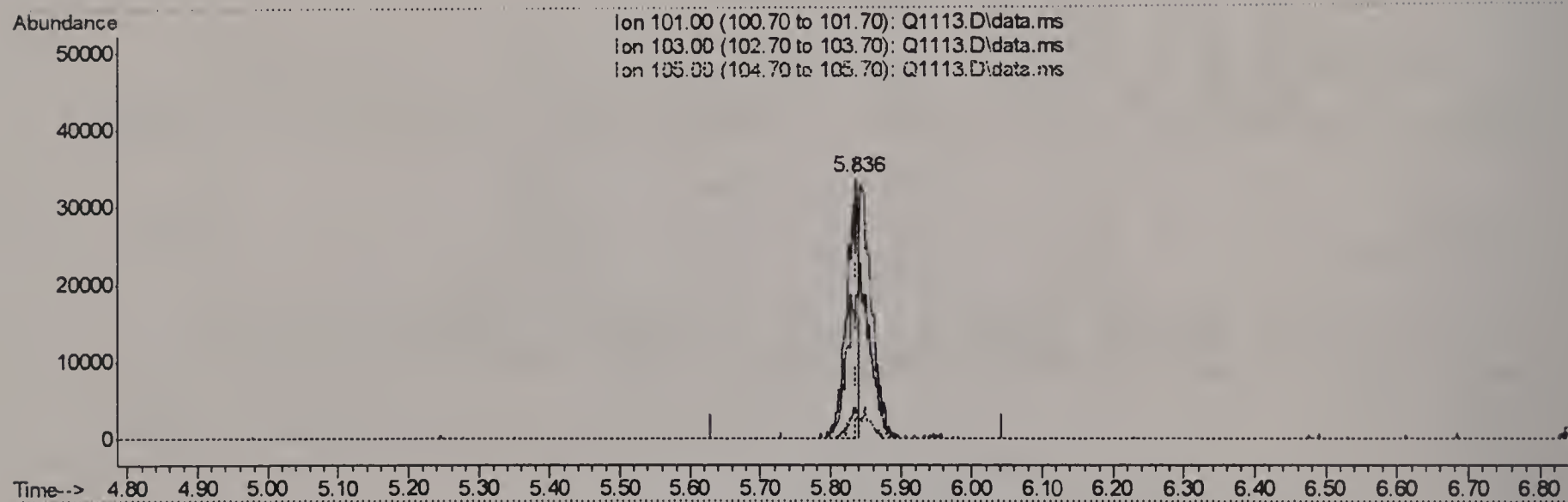
Tgt Ion:106 Resp: 5448
Ion Ratio Lower Upper
106 100
91 269.8 236.1 276.1
77 44.7 22.0 62.0



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1113.D
 Acq On : 19 Jul 2006 8:14 pm
 Operator : DougY
 Sample : M57573-8 (M057)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 20 08:27:30 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(10) TRICHLOROFUOROMETHANE (m)

5.836min (-0.000) 0.29PPBV

response 37903

Ion	Exp%	Act%
101.00	100	100
103.00	64.20	123.94#
105.00	10.20	11.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1114.D
 Acq On : 19 Jul 2006 8:59 pm
 Operator : DougY
 Sample : M57573-9 (M156)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 20 09:46:19 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	226602	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.522	114	859686	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.767	117	731957	10.00	PPBV	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE		16.387	95	235237	4.26	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	85.20%	

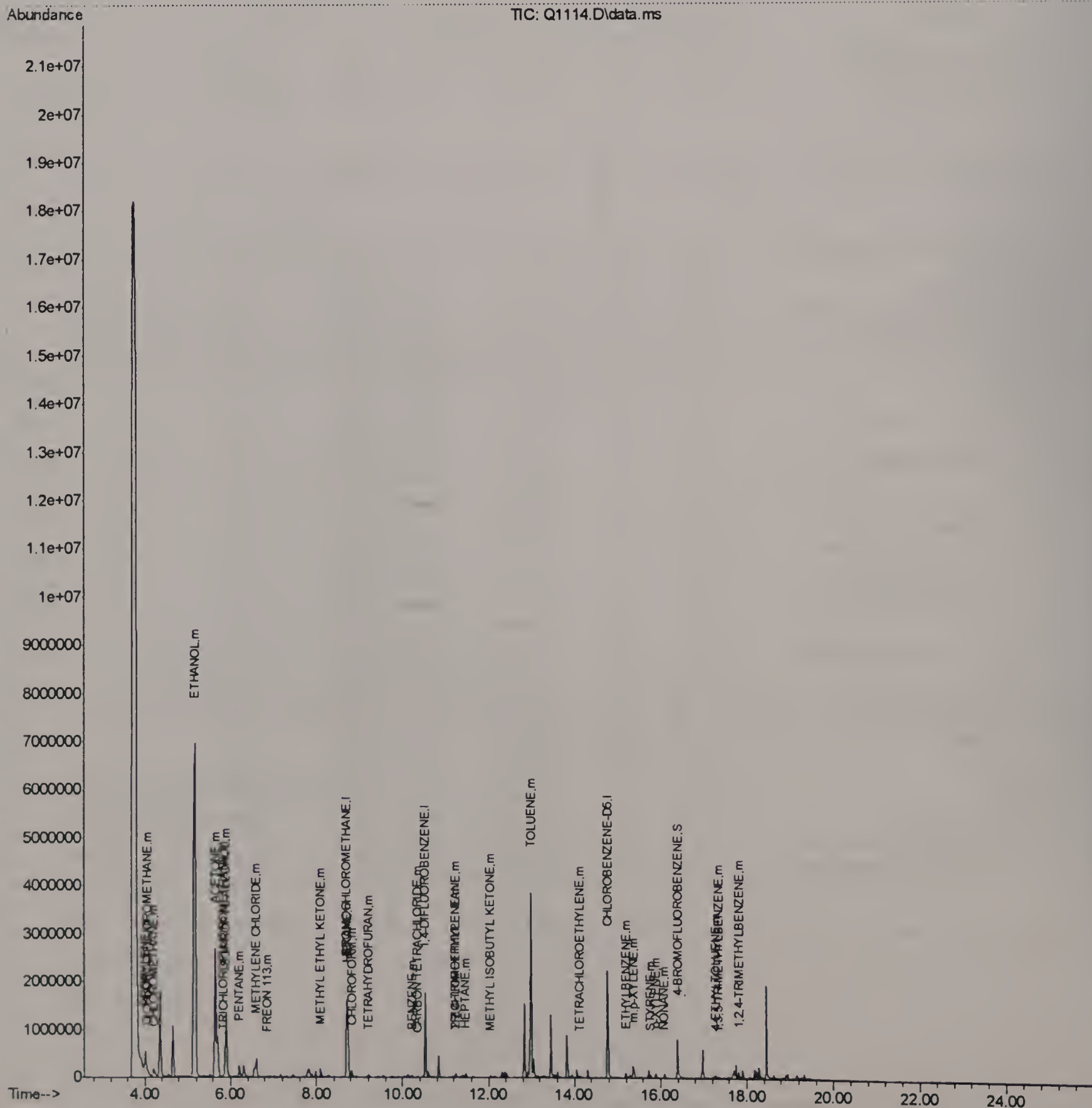
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.058	85	75657	0.60	PPBV	98
3) PROPYLENE	4.014	41	166267	3.83	PPBV #	56
5) CHLOROMETHANE	4.227	50	65301	1.12	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.842	101	57781	0.45	PPBV	95
11) ISOPROPYL ALCOHOL	5.890	45	2097264	28.92	PPBV	95
12) ACETONE	5.636	43	4837460	53.73	PPBV	97
13) PENTANE	6.200	42	122574	2.18	PPBV	94
16) ETHANOL	5.173	45	13695015	794.56	PPBV	97
18) METHYLENE CHLORIDE	6.596	84	112617	4.09	PPBV	97
20) FREON 113	6.850	151	4505	0.12	PPBV	92
24) TETRAHYDROFURAN	9.210	42	42740	1.16	PPBV	98
25) HEXANE	8.726	57	57471	0.99	PPBV #	85
28) METHYL ETHYL KETONE	8.087	43	258051	3.18	PPBV	97
31) CHLOROFORM	8.818	83	89073	1.13	PPBV	99
33) CARBON TETRACHLORIDE	10.355	117	6813	0.11	PPBV #	57
36) BENZENE	10.208	78	33312	0.60	PPBV	88
38) TRICHLOROETHYLENE	11.212	95	8746	0.31	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.234	57	43664	0.25	PPBV	81
43) HEPTANE	11.471	43	39362	0.53	PPBV	98
44) METHYL ISOBUTYL KETONE	12.046	43	32446	0.39	PPBV #	55
46) TOLUENE	12.989	92	731212	18.32	PPBV	99
51) TETRACHLOROETHYLENE	14.119	164	5598	0.35	PPBV	89
55) ETHYLBENZENE	15.190	91	55064	1.36	PPBV	99
56) m,p-XYLENE	15.365	106	51321	3.20	PPBV	96
57) o-XYLENE	15.885	106	20063	1.36	PPBV	98
58) STYRENE	15.761	104	17093	1.45	PPBV	97
59) NONANE	16.089	43	34501	0.34	PPBV	97
65) 4-ETHYLTOLUENE	17.266	105	12445	0.89	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.346	105	13307	0.82	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	44865	1.62	PPBV	98

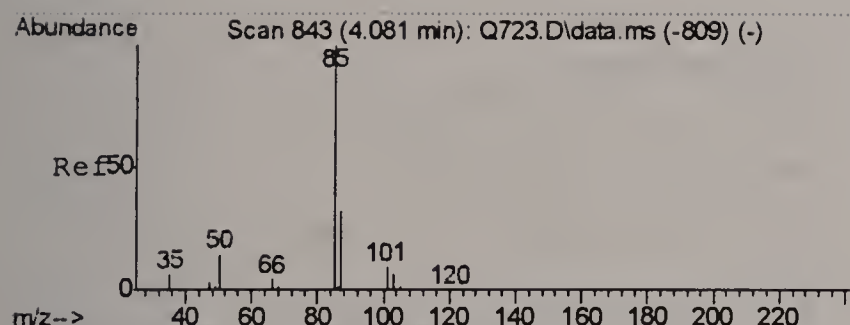
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1114.D  
Acq On    : 19 Jul 2006      8:59 pm  
Operator  : DougY  
Sample    : M57573-9 (M156)  
Misc      : MS11822,MSQ58,,,,,1  
ALS Vial  : 14      Sample Multiplier: 1
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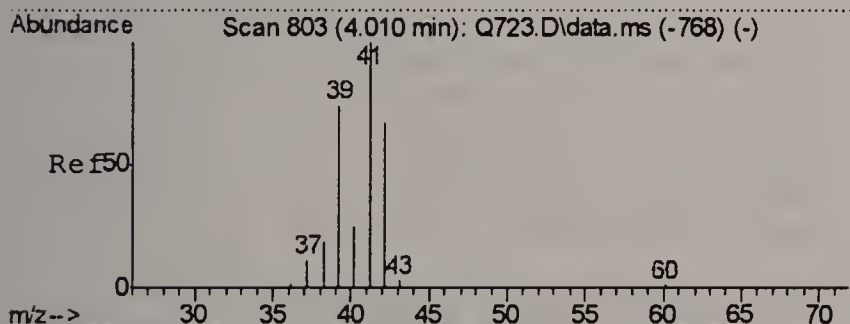
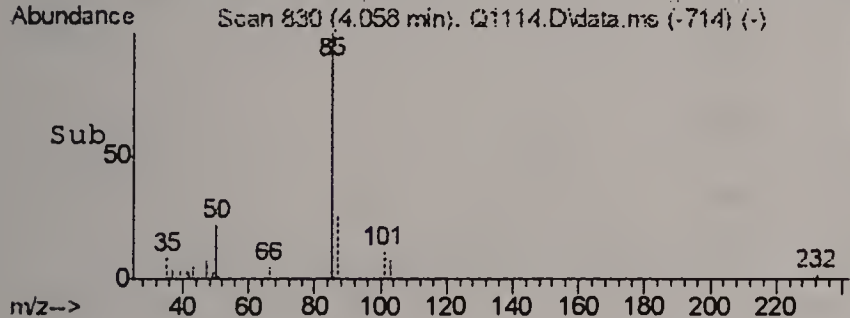
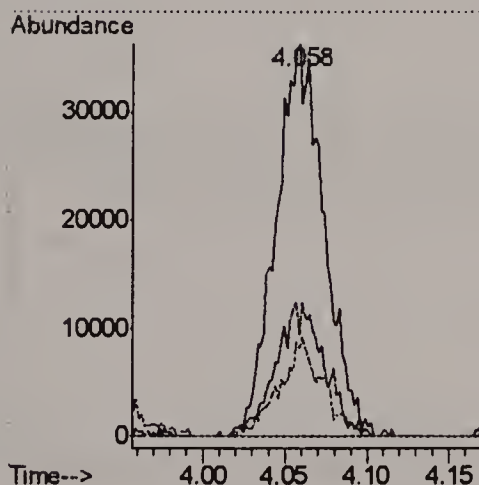
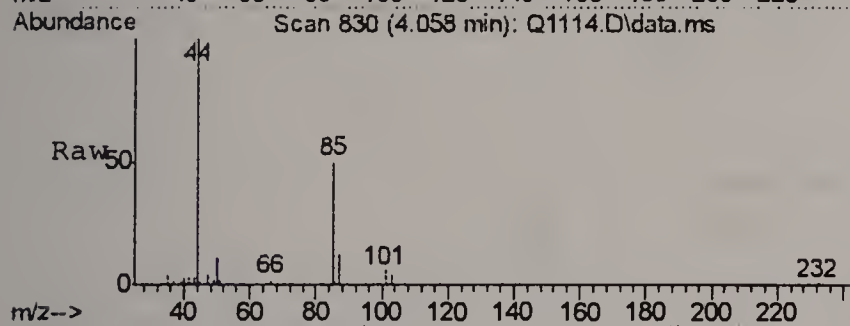
Quant Time: Jul 20 09:46:19 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration





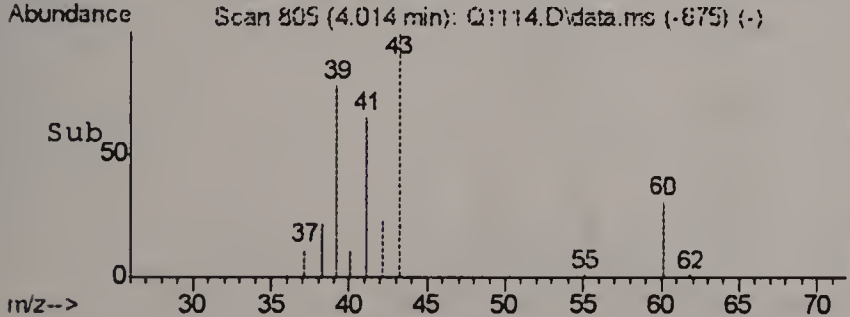
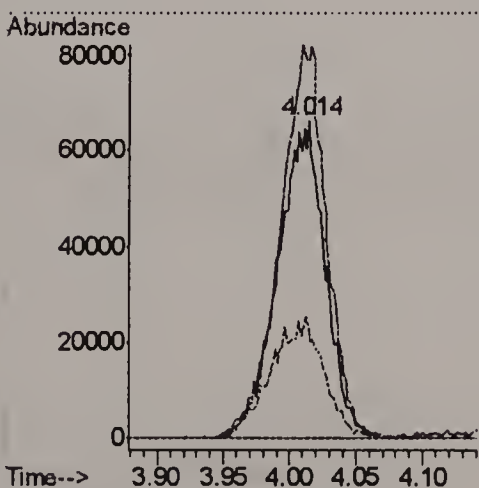
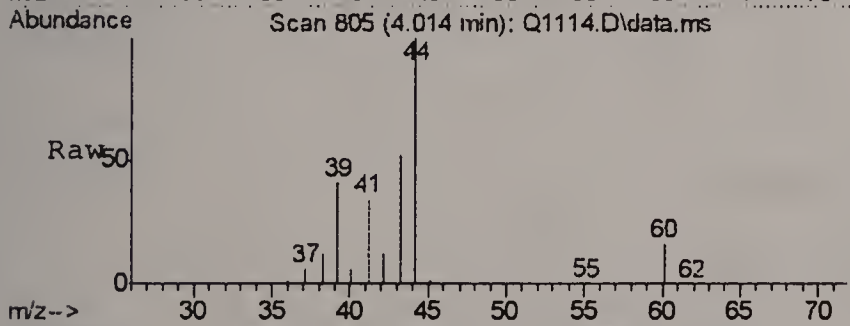
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.60 PPBV
 RT: 4.058 min Scan# 830
 Delta R.T. 0.000 min
 Lab File: Q1114.D
 Acq: 19 Jul 2006 8:59 pm

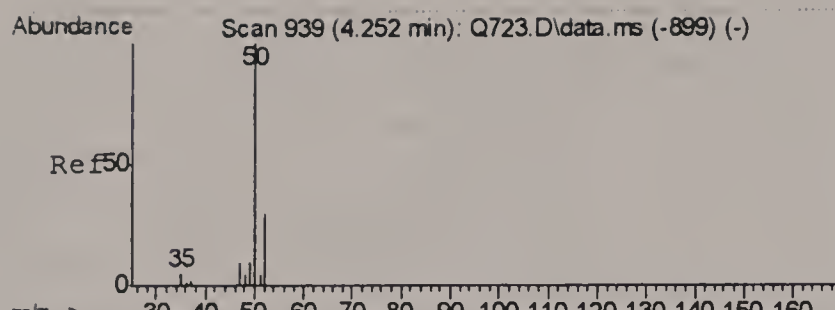
Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	12.1	52.1
50	21.8	1.6	41.6



#3
 PROPYLENE
 Concen: 3.83 PPBV
 RT: 4.014 min Scan# 805
 Delta R.T. 0.025 min
 Lab File: Q1114.D
 Acq: 19 Jul 2006 8:59 pm

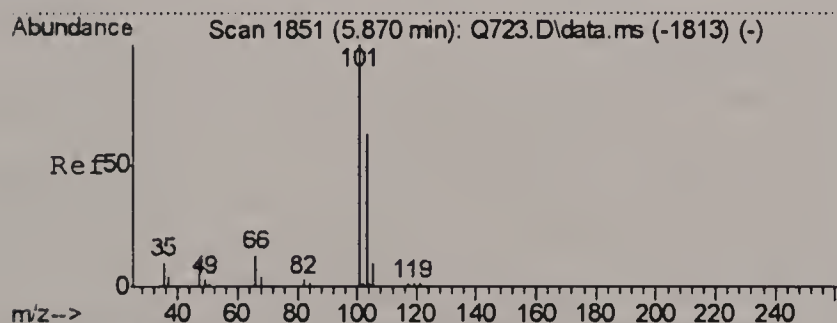
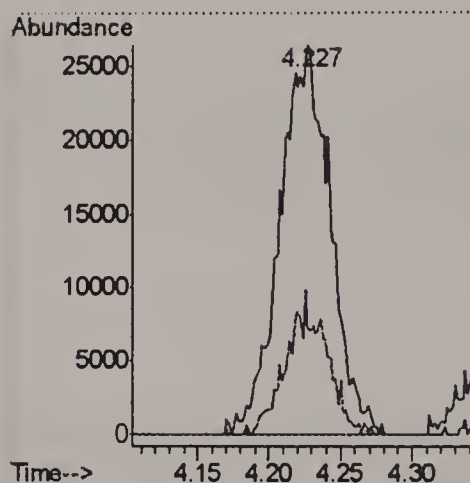
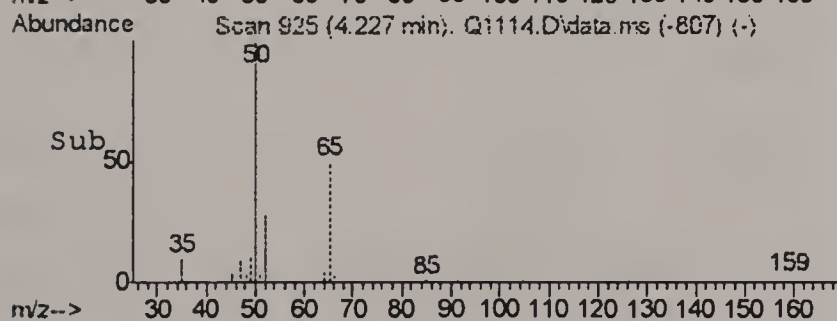
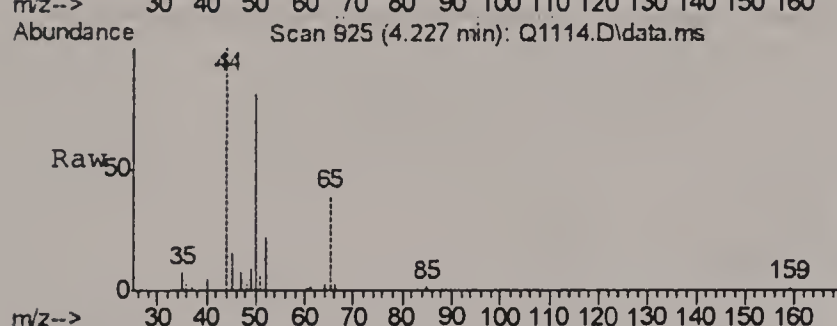
Tgt Ion	Ratio	Lower	Upper
41	100		
39	118.9	56.3	96.3#
42	35.1	43.6	83.6#





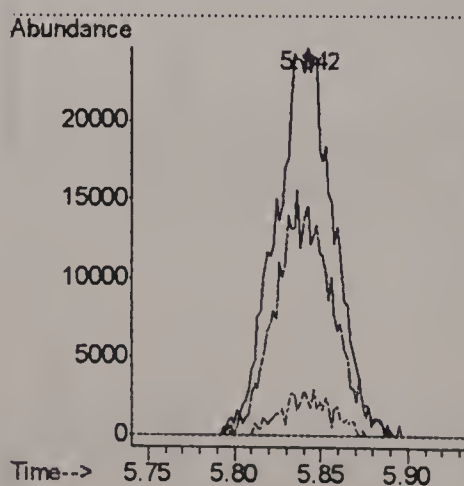
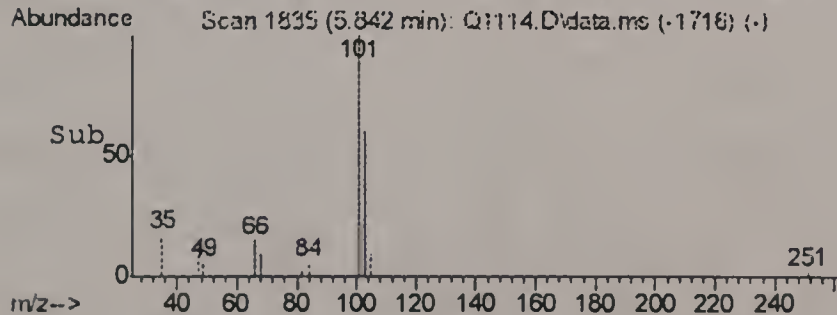
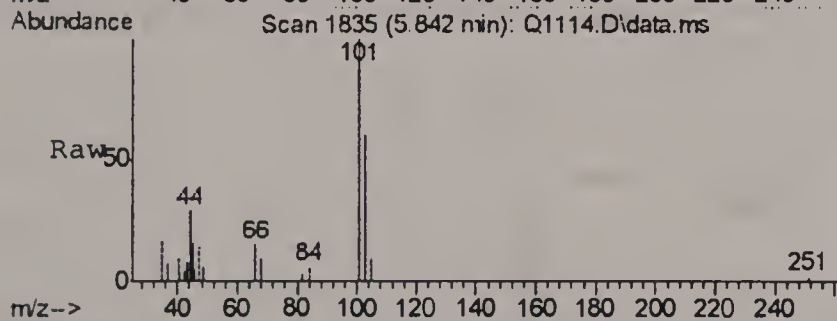
#5
CHLOROMETHANE
Concen: 1.12 PPBV
RT: 4.227 min Scan# 925
Delta R.T. 0.004 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

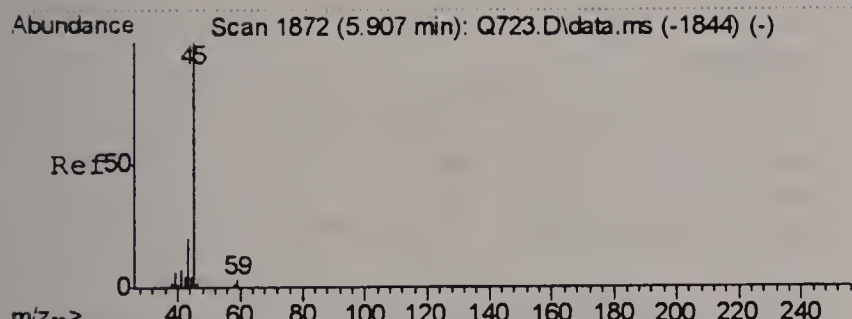
Tgt Ion: 50 Resp: 65301
Ion Ratio Lower Upper
50 100
52 27.5 7.1 47.1



#10
TRICHLOROFLUOROMETHANE
Concen: 0.45 PPBV
RT: 5.842 min Scan# 1835
Delta R.T. 0.005 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

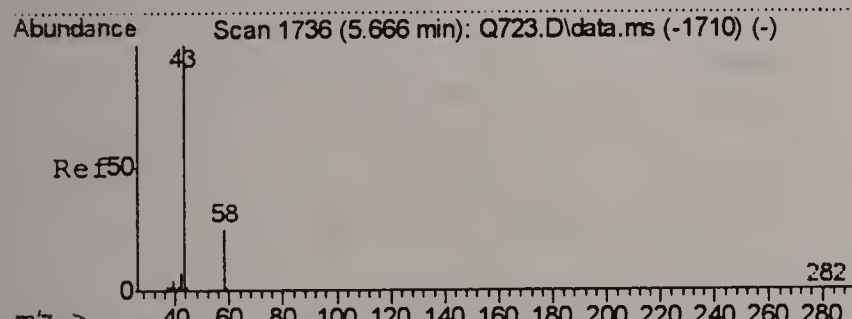
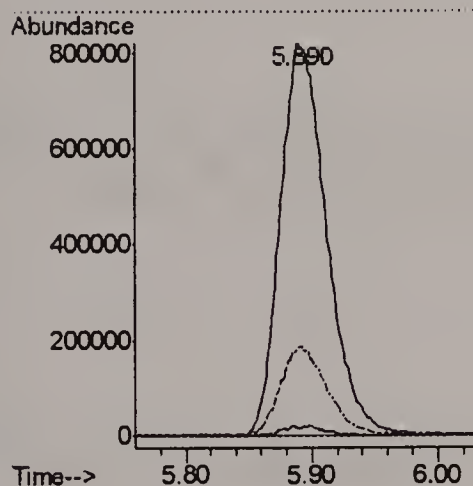
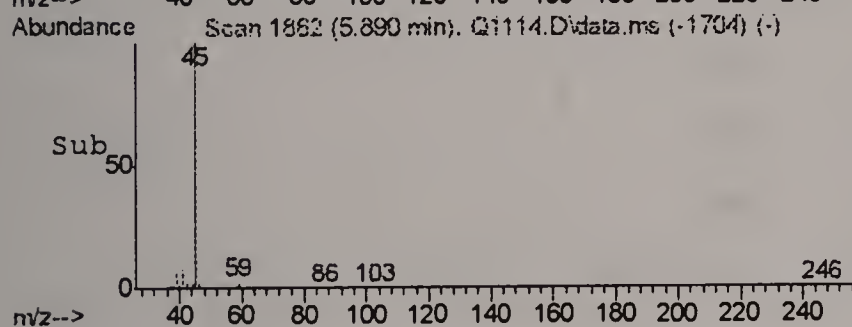
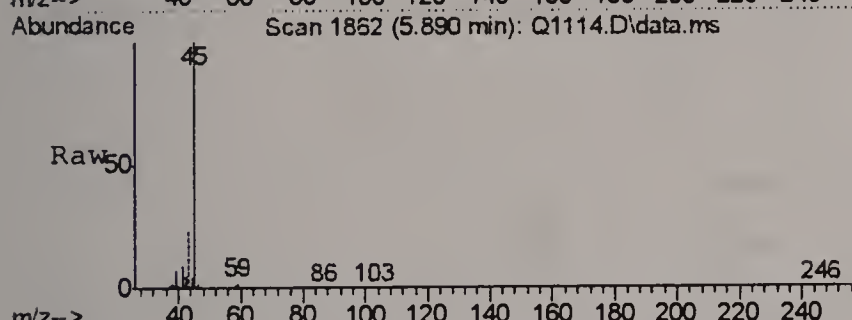
Tgt Ion: 101 Resp: 57781
Ion Ratio Lower Upper
101 100
103 60.6 44.2 84.2
105 7.1 0.0 30.2





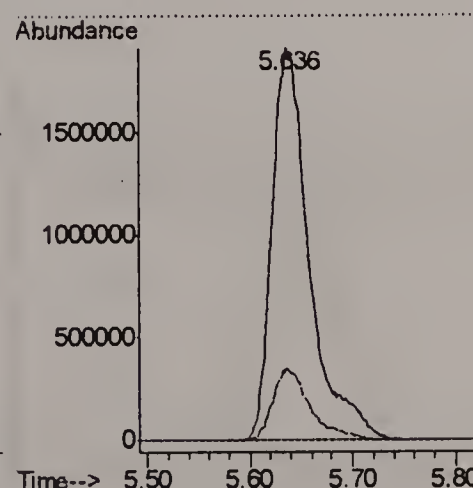
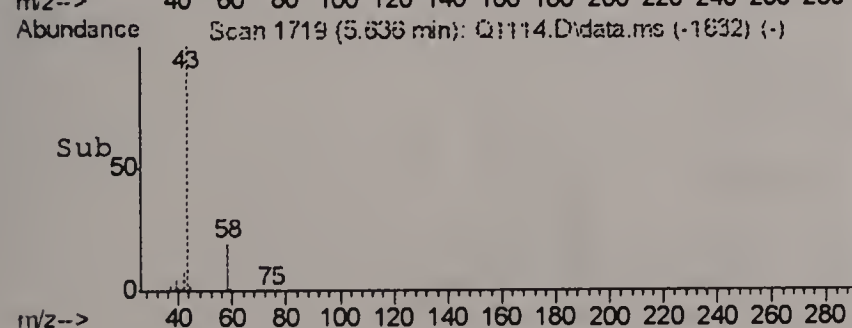
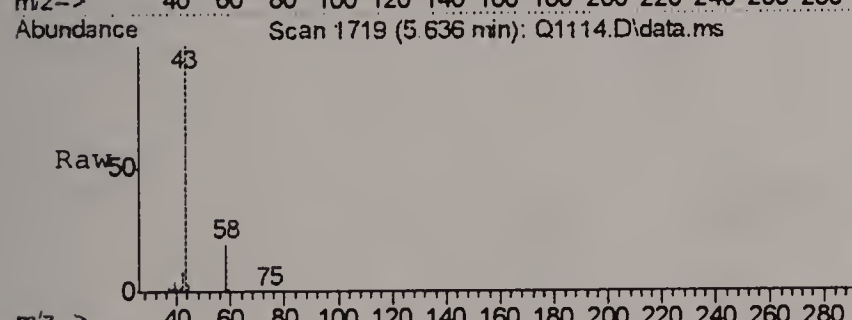
#11
ISOPROPYL ALCOHOL
Concen: 28.92 PPBV
RT: 5.890 min Scan# 1862
Delta R.T. 0.023 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

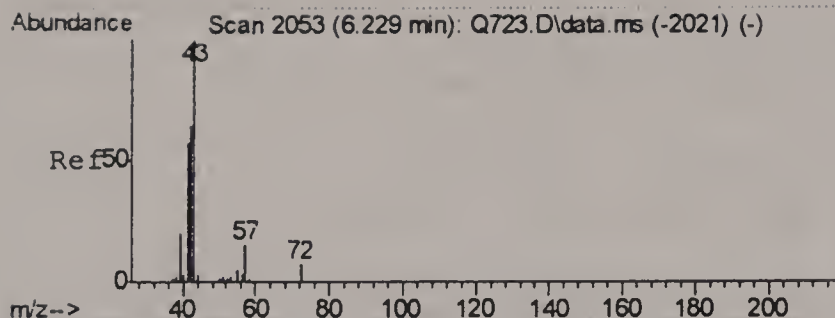
Tgt Ion	Ratio	Lower	Upper
45	100		
59	2.1	0.0	22.9
43	22.8	5.7	45.7



#12
ACETONE
Concen: 53.73 PPBV
RT: 5.636 min Scan# 1719
Delta R.T. 0.000 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

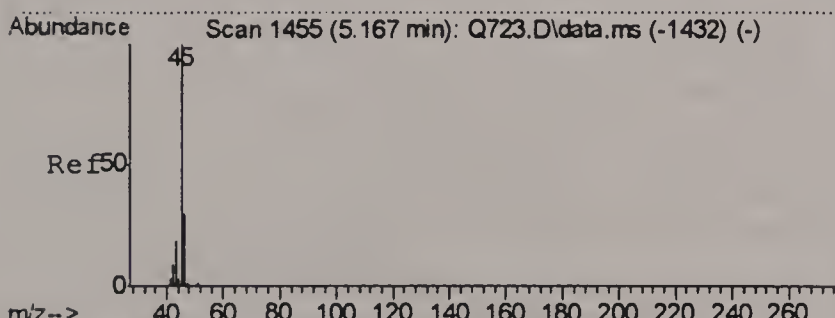
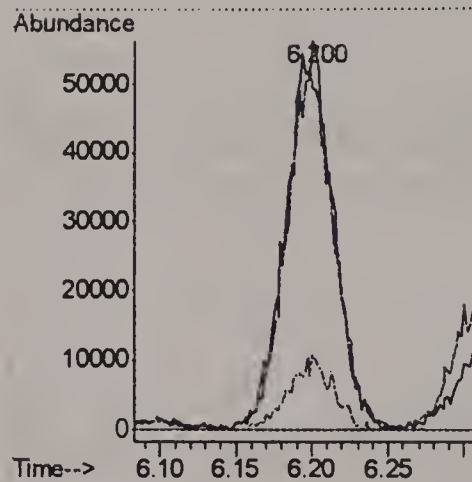
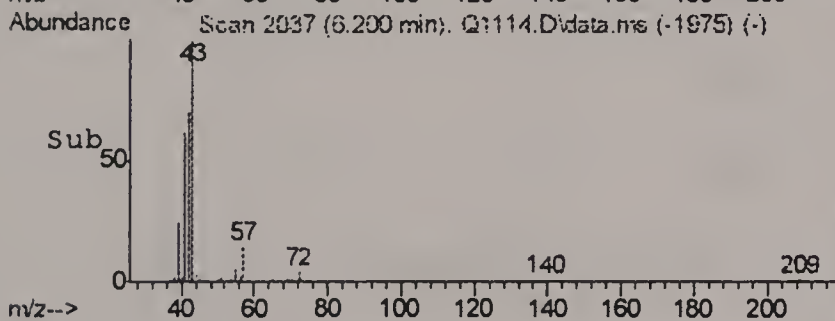
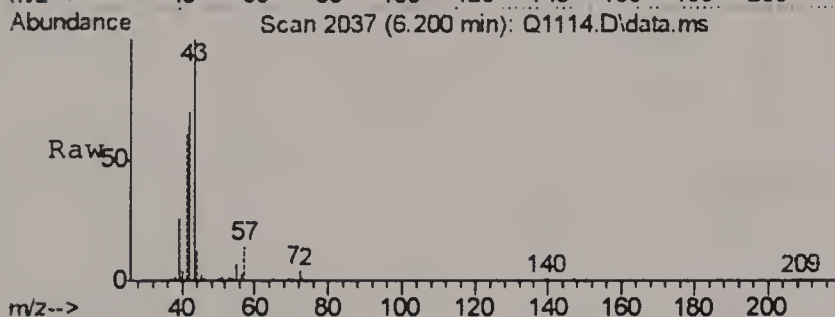
Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.6	0.0	37.4



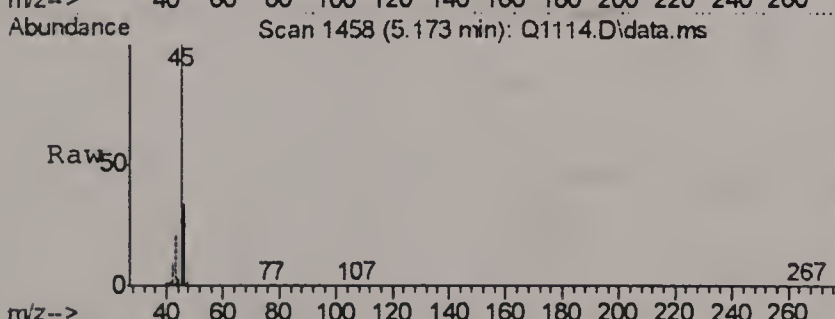


#13
PENTANE
Concen: 2.18 PPBV
RT: 6.200 min Scan# 2037
Delta R.T. 0.007 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

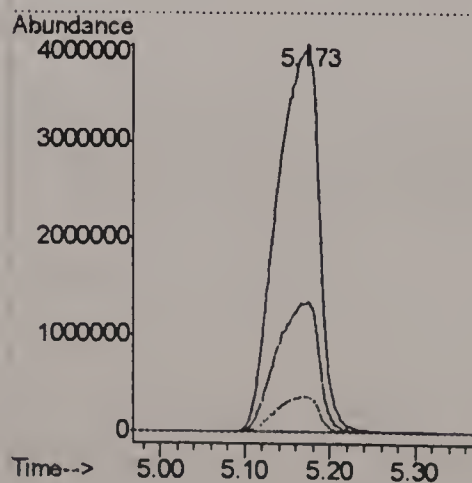
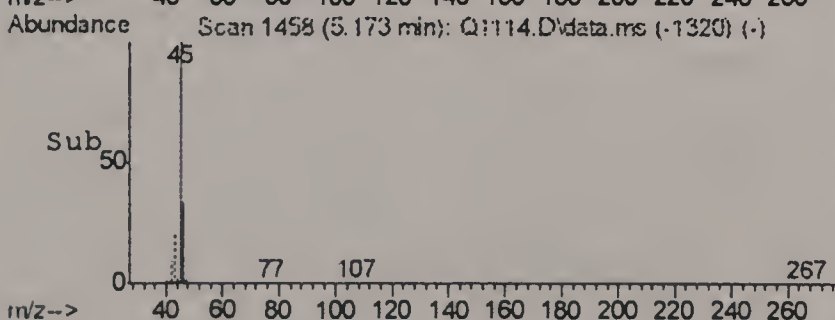
Tgt Ion: 42 Resp: 122574
Ion Ratio Lower Upper
42 100
41 93.8 80.1 120.1
57 17.3 0.0 37.8

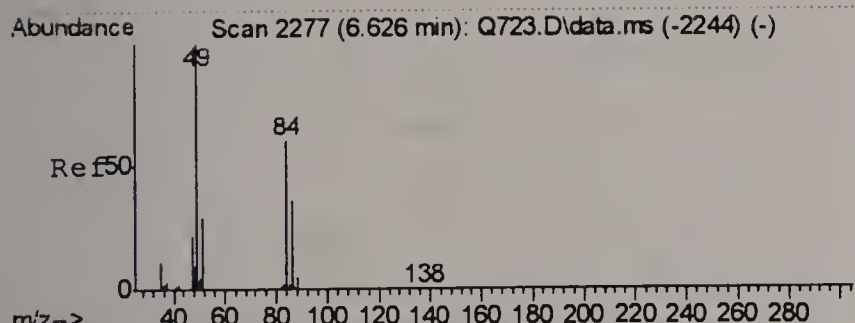


#16
ETHANOL
Concen: 794.56 PPBV
RT: 5.173 min Scan# 1458
Delta R.T. 0.039 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm



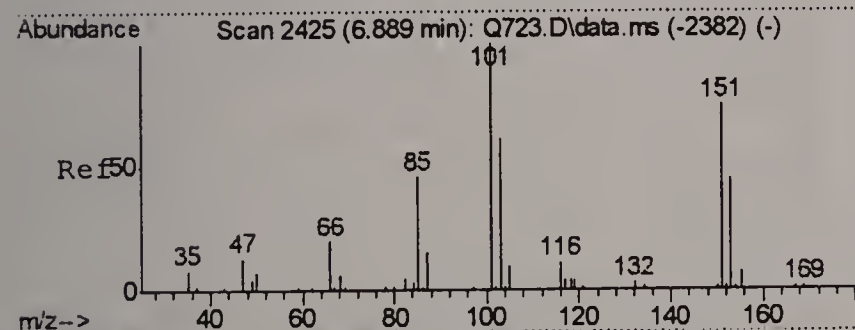
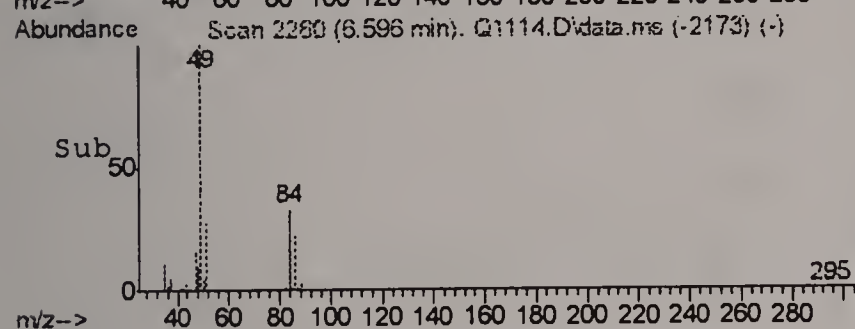
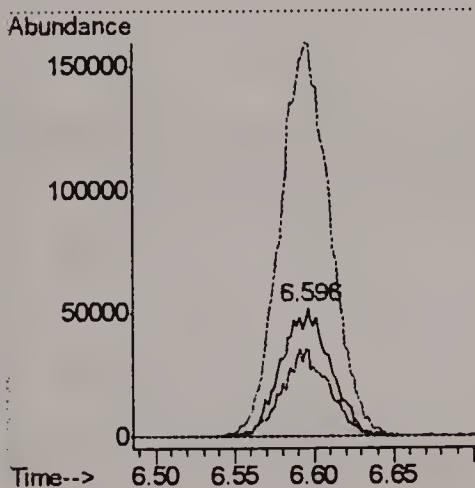
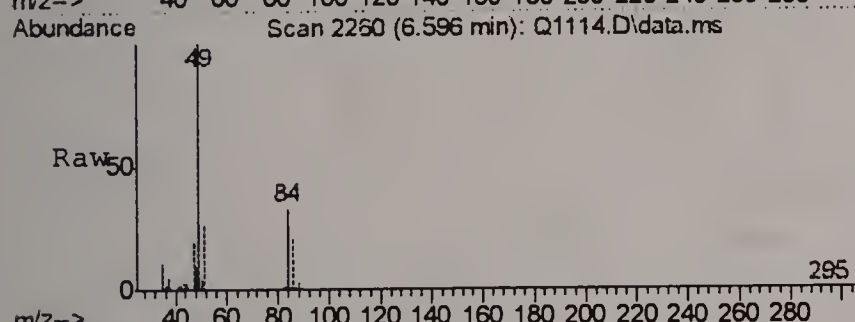
Tgt Ion: 45 Resp: 13695015
Ion Ratio Lower Upper
45 100
46 34.1 13.2 53.2
42 9.5 0.0 26.3





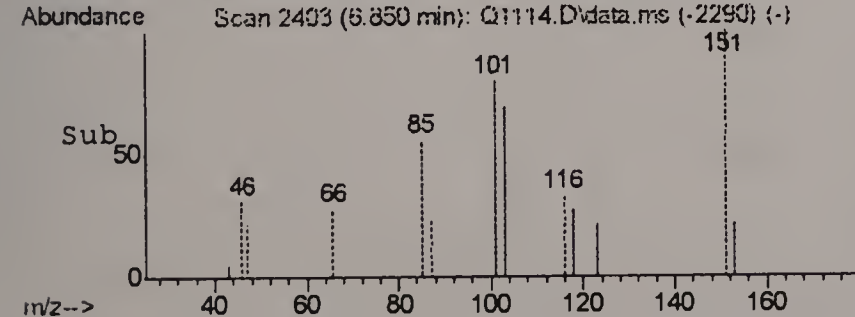
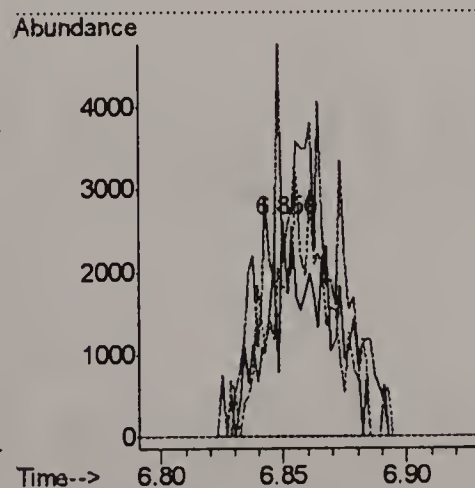
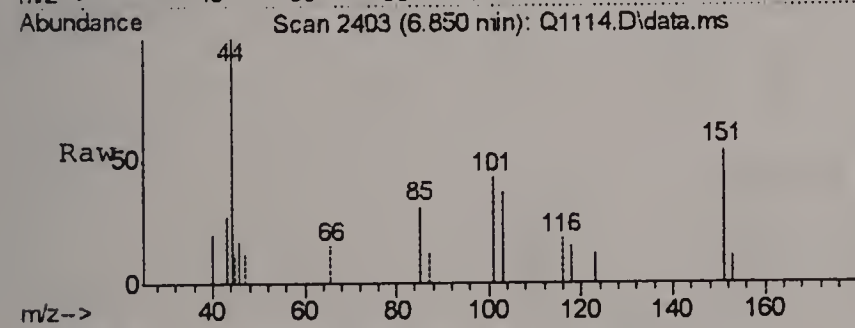
#18
METHYLENE CHLORIDE
Concen: 4.09 PPBV
RT: 6.596 min Scan# 2260
Delta R.T. 0.004 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

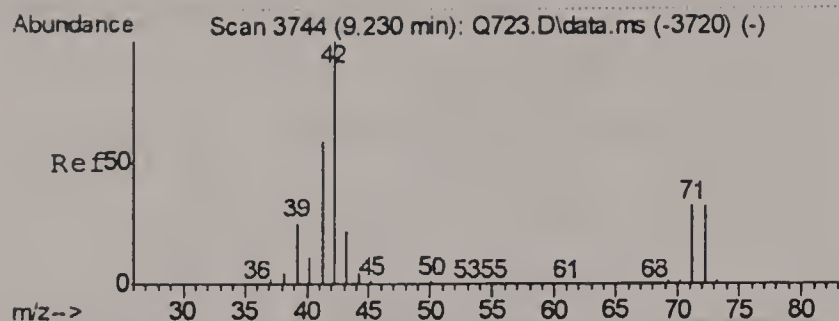
Tgt Ion	Ratio	Lower	Upper
84	100		
86	64.3	44.2	84.2
49	313.1	119.3	519.3



#20
FREON 113
Concen: 0.12 PPBV
RT: 6.850 min Scan# 2403
Delta R.T. -0.005 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

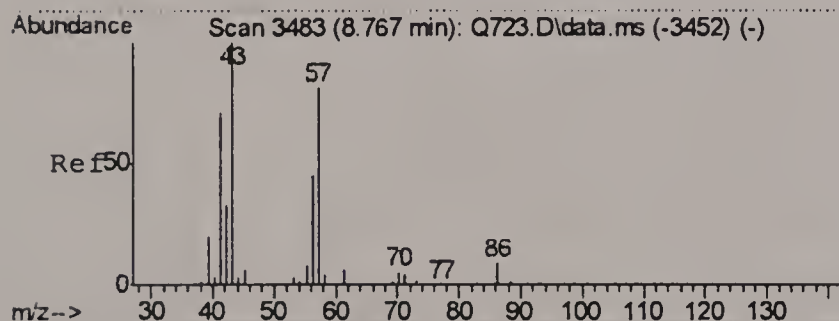
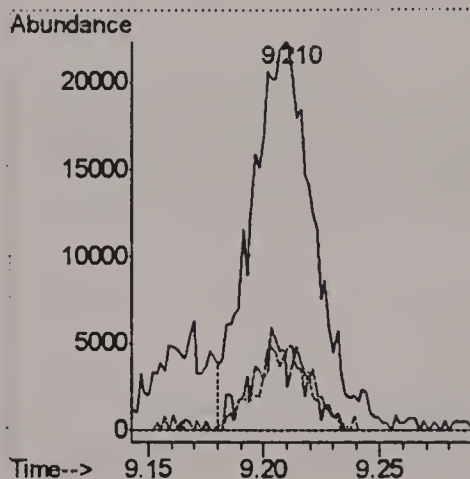
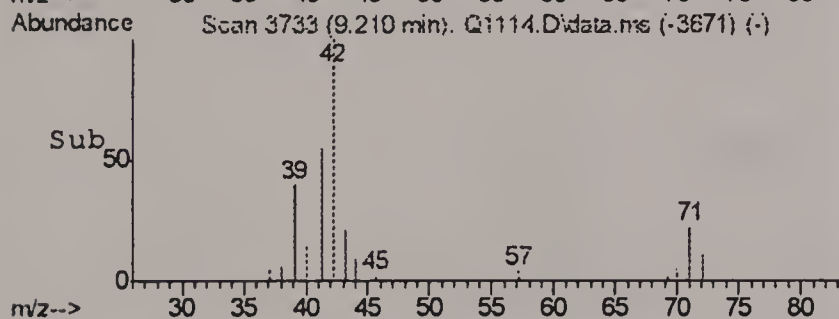
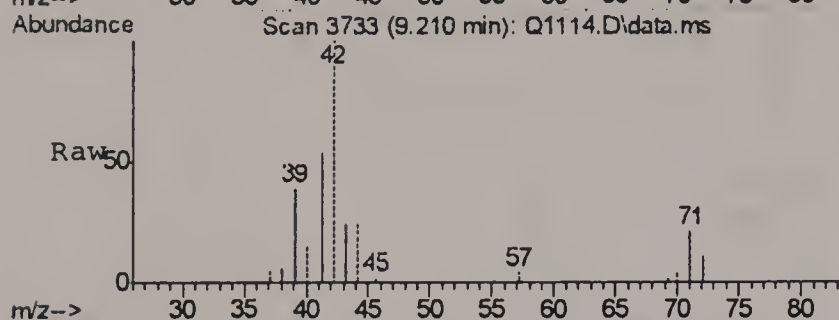
Tgt Ion	Ratio	Lower	Upper
151	100		
101	173.4	165.1	205.1
103	109.7	98.2	138.2





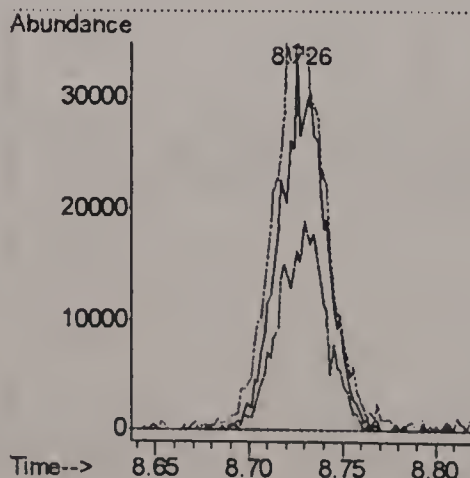
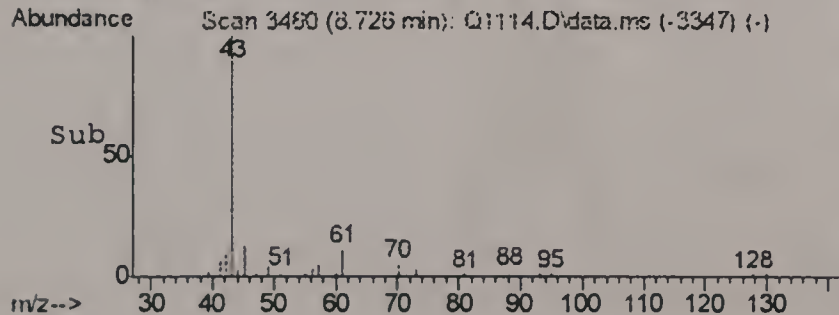
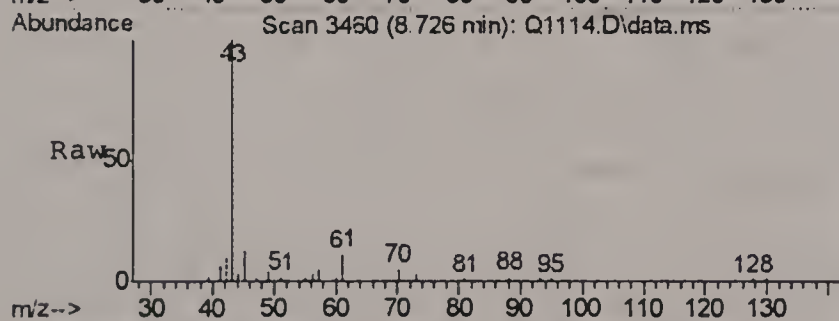
#24
TETRAHYDROFURAN
Concen: 1.16 PPBV
RT: 9.210 min Scan# 3733
Delta R.T. 0.007 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

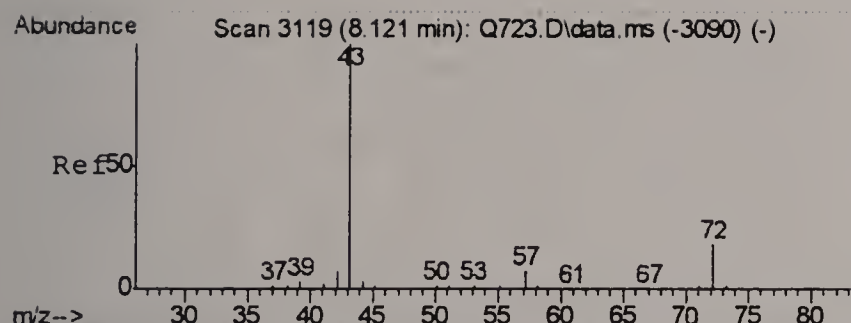
Tgt Ion	Ratio	Lower	Upper
42	100		
72	20.2	0.0	39.2
71	18.1	0.0	38.8



#25
HEXANE
Concen: 0.99 PPBV
RT: 8.726 min Scan# 3460
Delta R.T. -0.005 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

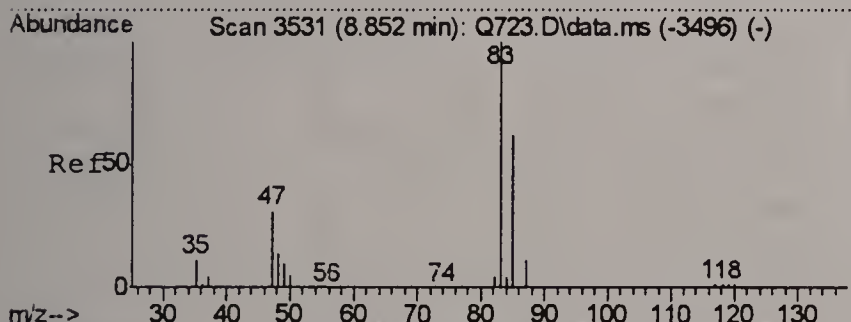
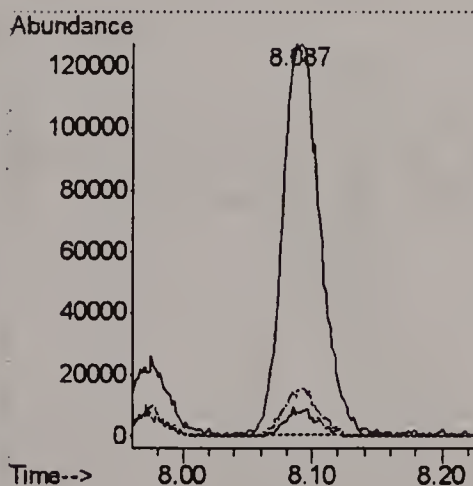
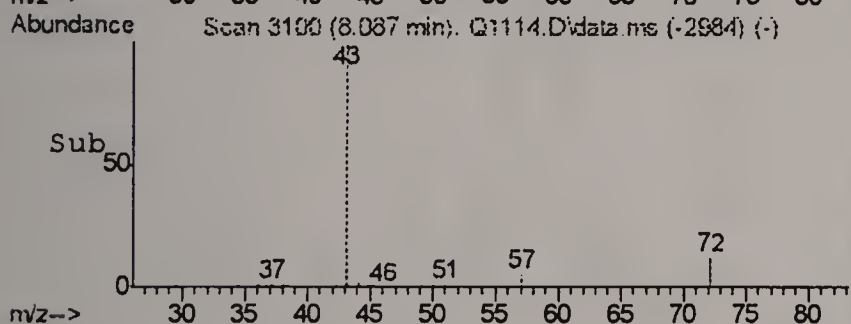
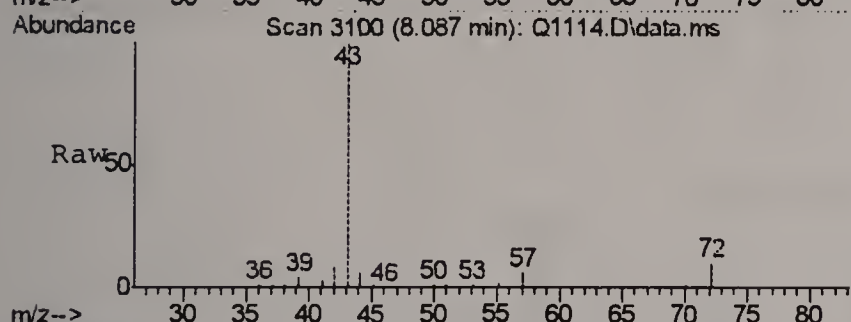
Tgt Ion	Ratio	Lower	Upper
57	100		
56	58.5	38.6	78.6
41	127.7	84.1	124.1#





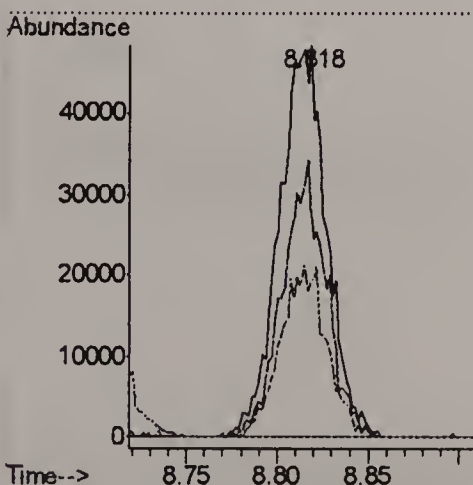
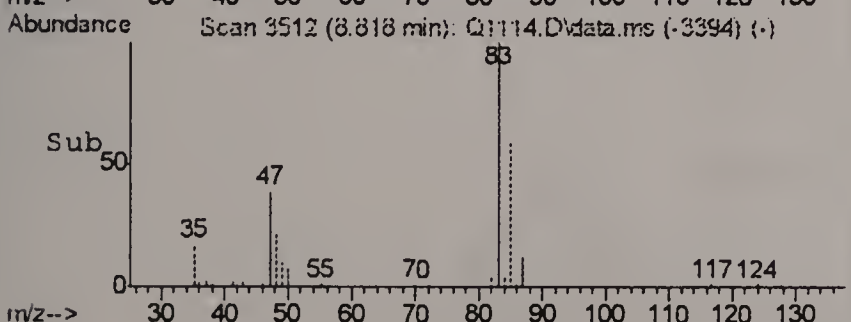
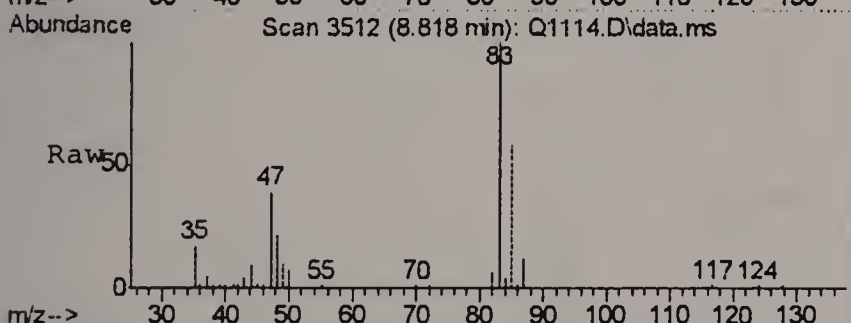
#28
METHYL ETHYL KETONE
Concen: 3.18 PPBV
RT: 8.087 min Scan# 3100
Delta R.T. 0.000 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

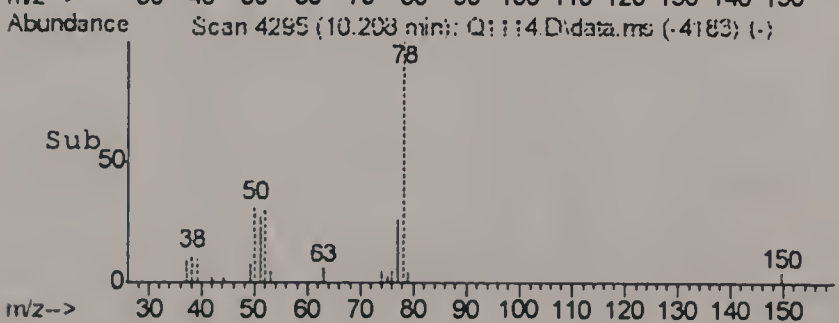
Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.7	0.0	26.0
72	9.7	0.0	31.5



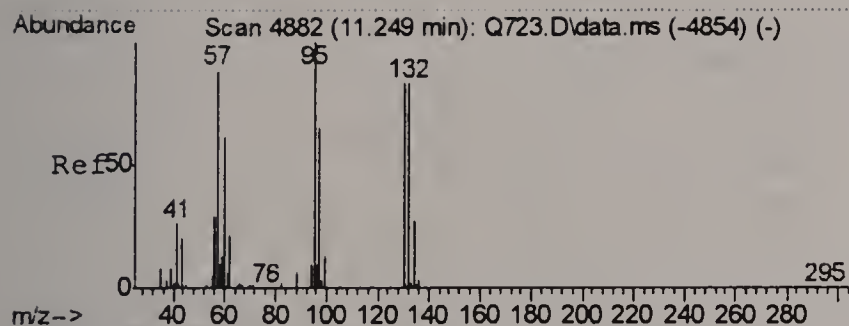
#31
CHLOROFORM
Concen: 1.13 PPBV
RT: 8.818 min Scan# 3512
Delta R.T. 0.004 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.2	85.2
47	42.6	23.0	63.0



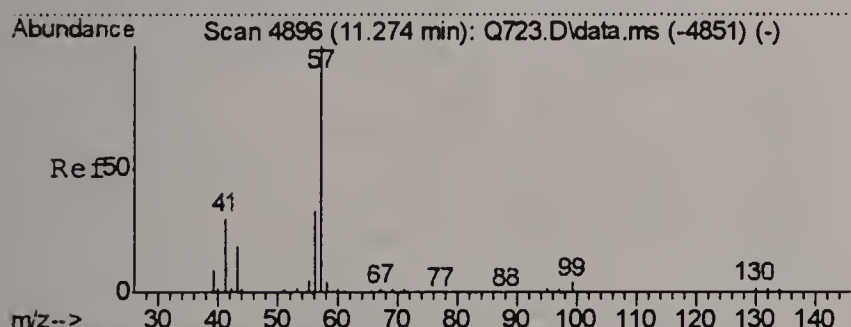
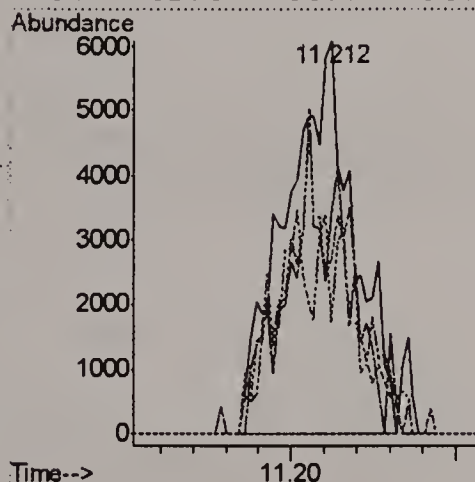


Chromatogram showing Abundance vs. Time (min). The x-axis ranges from 10.15 to 10.25 minutes. The y-axis ranges from 0 to 15000 abundance. A major peak is labeled 10.208. A smaller peak is labeled 10.218.



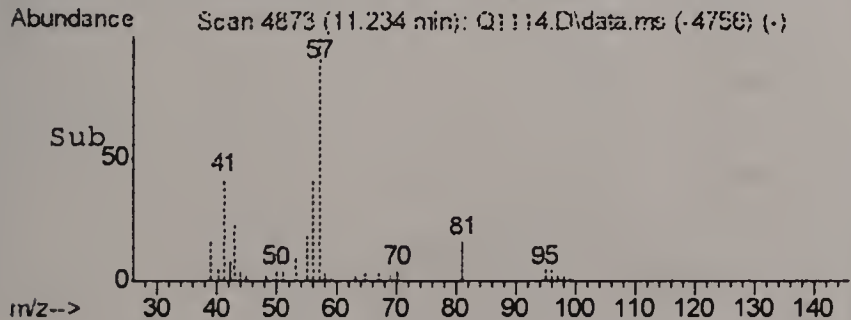
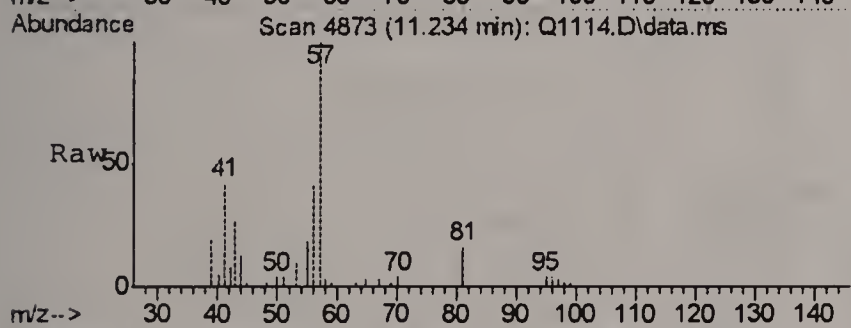
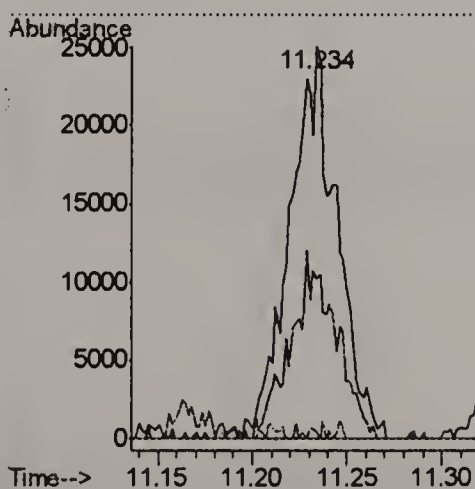
#38
TRICHLOROETHYLENE
Concen: 0.31 PPBV
RT: 11.212 min Scan# 4861
Delta R.T. 0.000 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

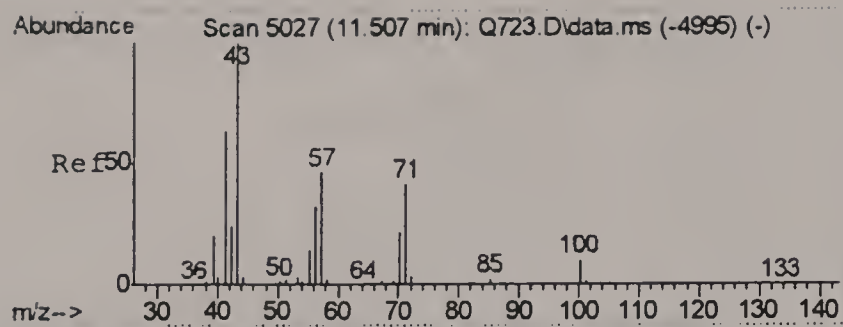
Tgt Ion:	95	Resp:	8746
Ion Ratio	Lower	Upper	
95	100		
132	67.4	44.9	84.9
130	69.6	46.3	86.3
97	62.6	44.7	84.7



#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.25 PPBV
RT: 11.234 min Scan# 4873
Delta R.T. 0.002 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

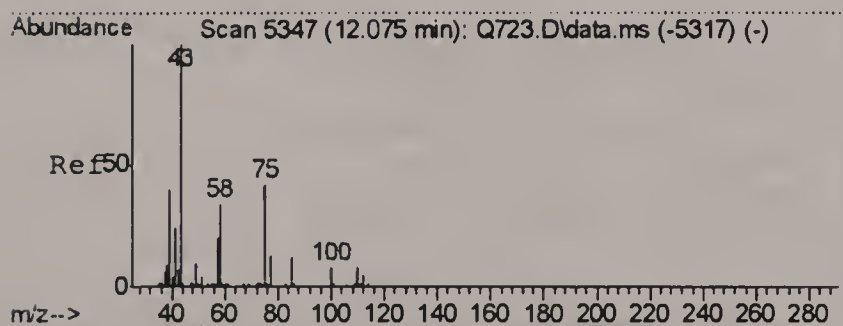
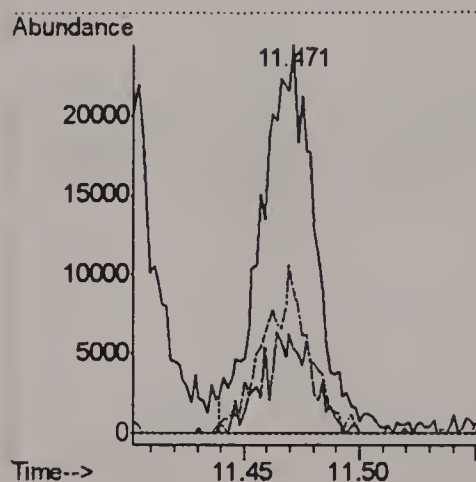
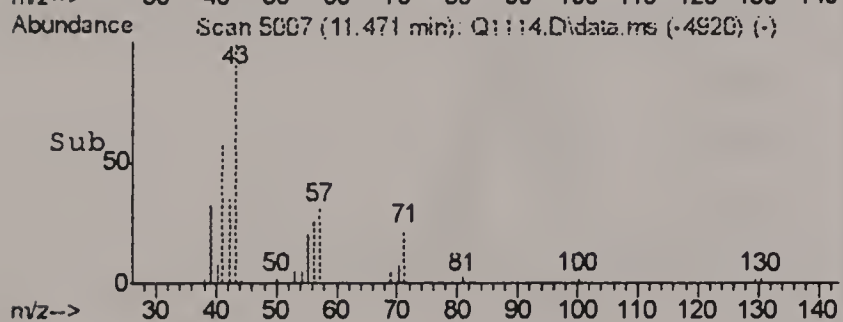
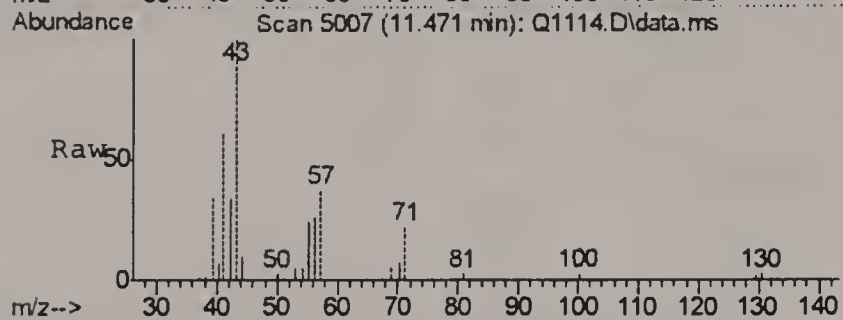
Tgt Ion:	57	Resp:	43664
Ion Ratio	Lower	Upper	
57	100		
56	45.7	14.1	54.1
99	0.8	0.0	23.8





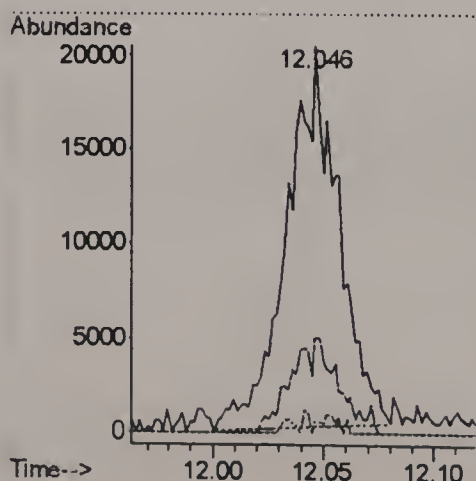
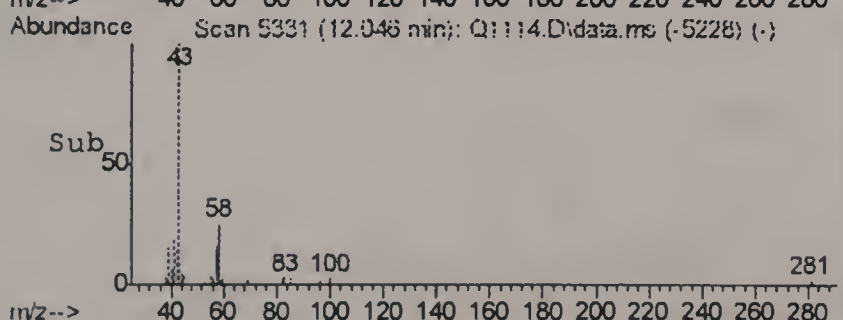
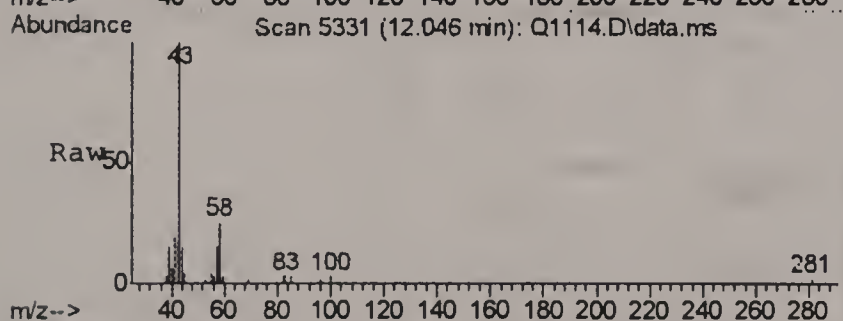
#43
HEPTANE
Concen: 0.53 PPBV
RT: 11.471 min Scan# 5007
Delta R.T. 0.000 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

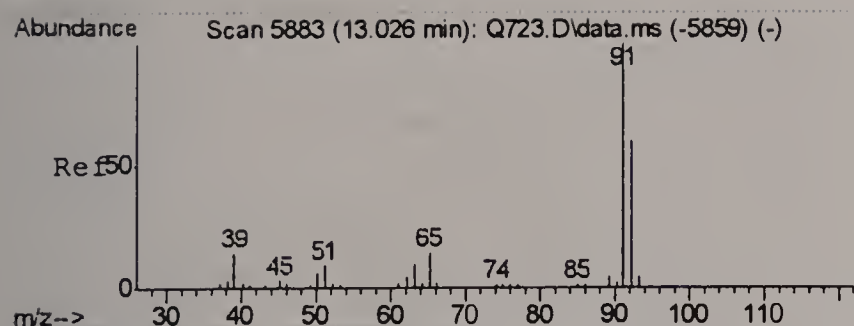
Tgt Ion	Ratio	Lower	Upper
43	100		
71	24.7	5.6	45.6
57	36.7	18.2	58.2



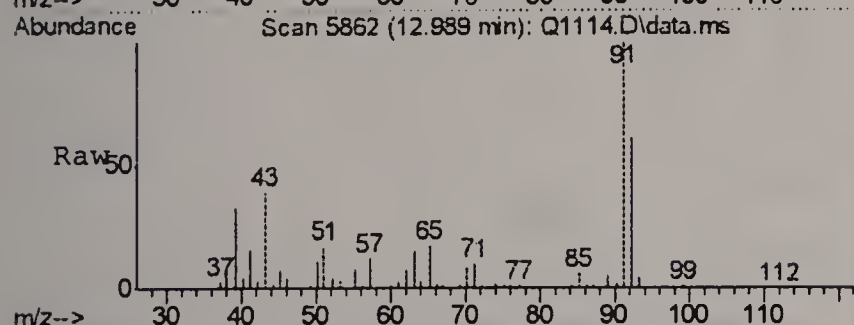
#44
METHYL ISOBUTYL KETONE
Concen: 0.39 PPBV
RT: 12.046 min Scan# 5331
Delta R.T. 0.007 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	5.5	45.5#
100	2.0	0.0	23.8

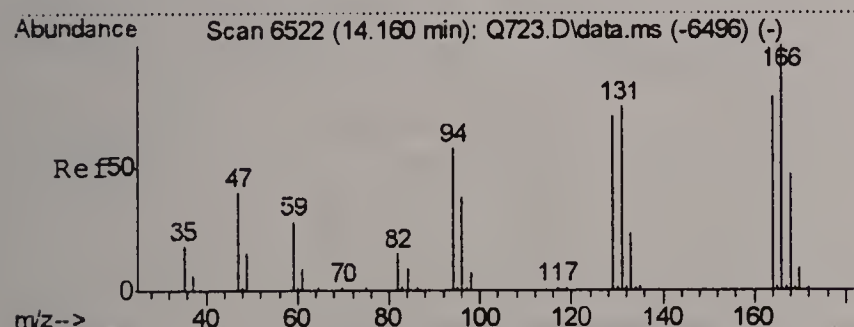
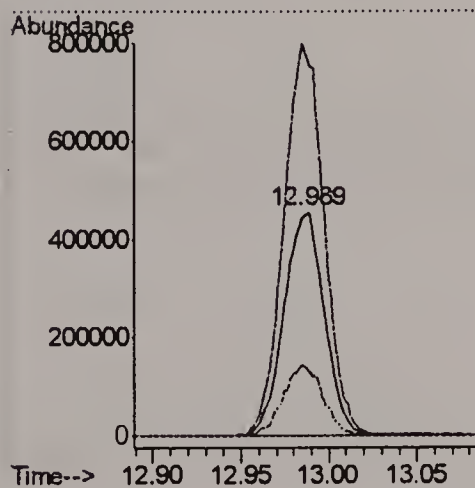
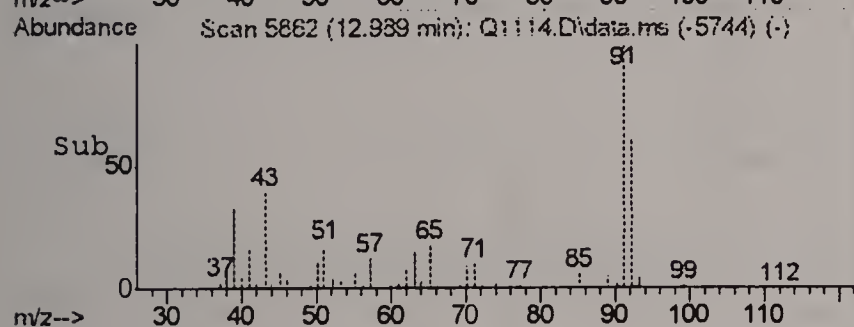




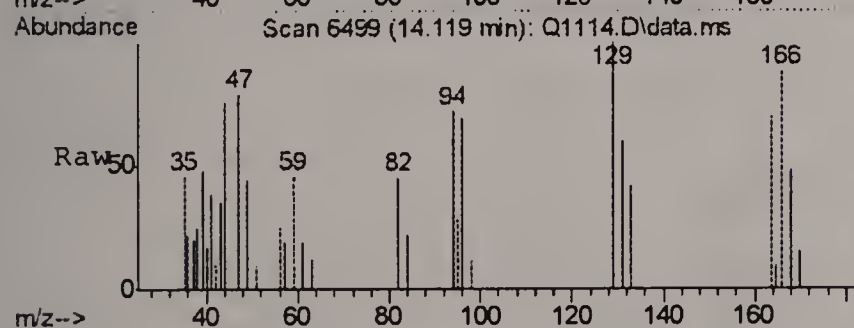
#46
TOLUENE
Concen: 18.32 PPBV
RT: 12.989 min Scan# 5862
Delta R.T. 0.003 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm



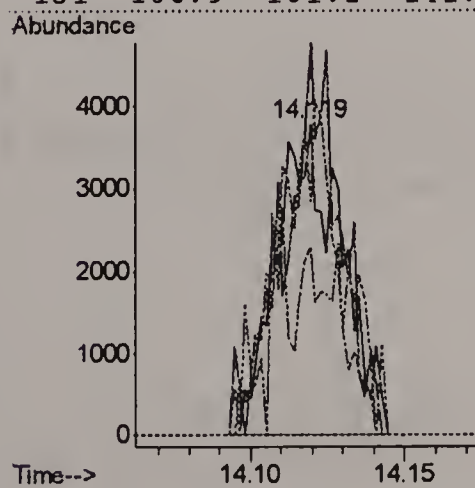
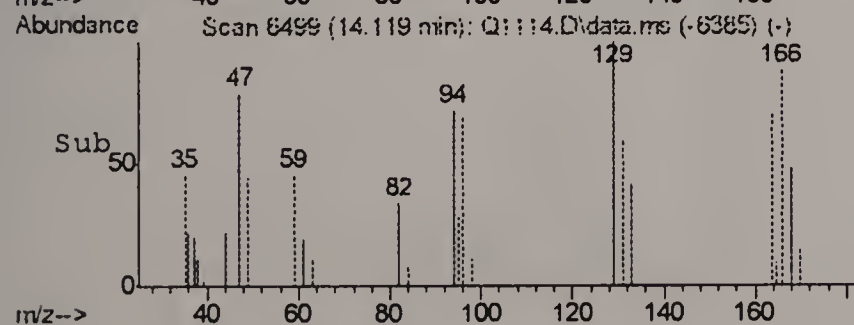
Tgt Ion: 92 Resp: 731212
Ion Ratio Lower Upper
92 100
91 174.4 156.4 196.4
65 31.4 10.3 50.3

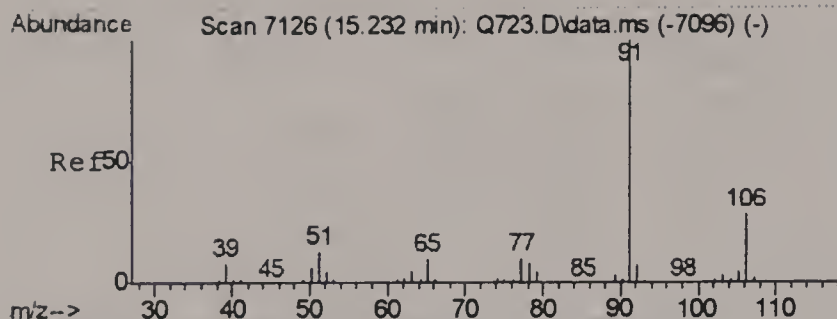


#51
TETRACHLOROETHYLENE
Concen: 0.35 PPBV
RT: 14.119 min Scan# 6499
Delta R.T. -0.004 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm



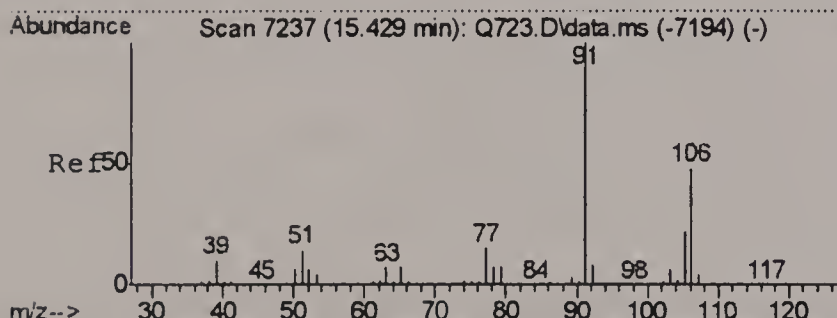
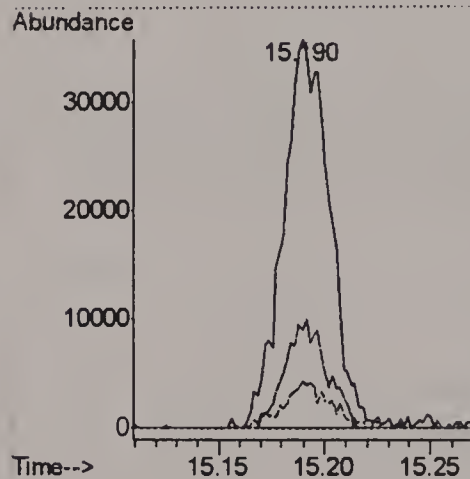
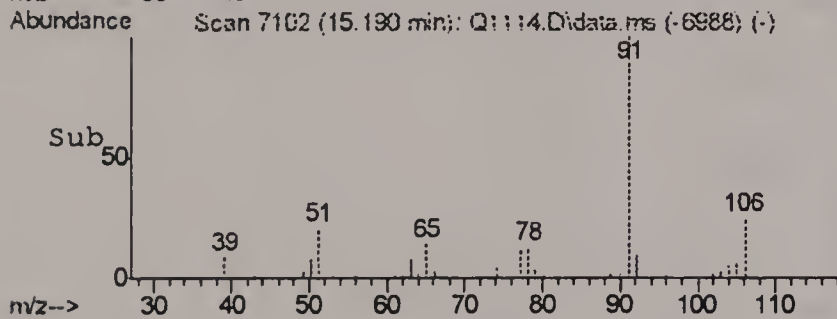
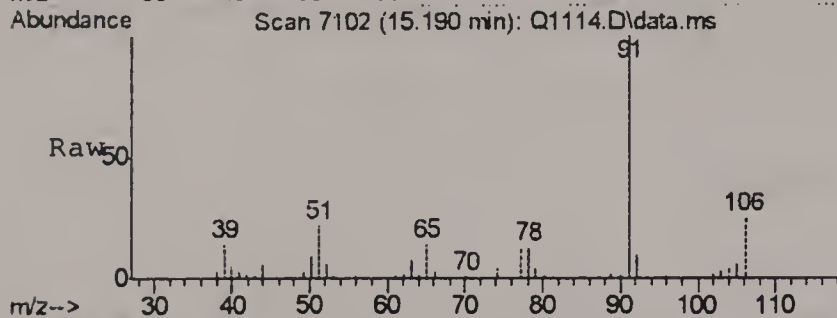
Tgt Ion: 164 Resp: 5598
Ion Ratio Lower Upper
164 100
129 108.0 102.5 142.5
168 62.5 39.4 79.4
131 106.9 101.1 141.1





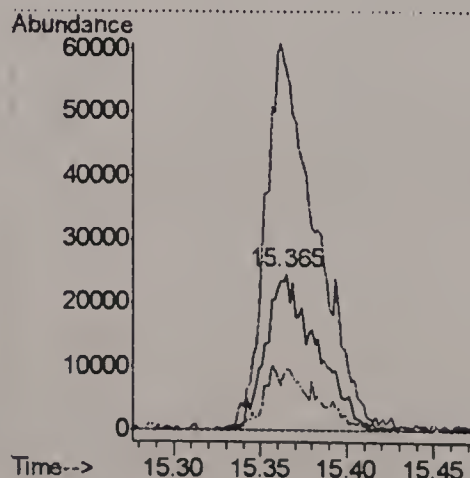
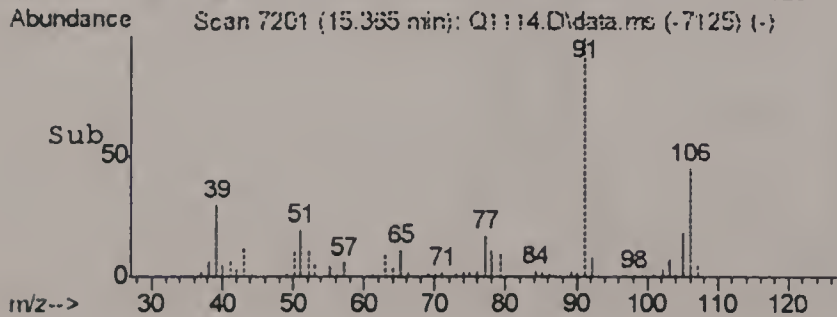
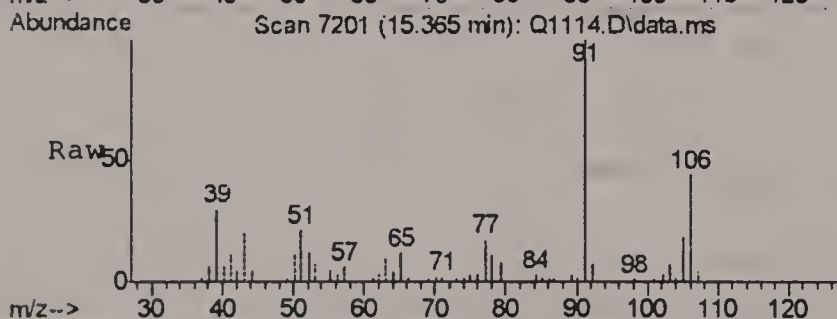
#55
ETHYLBENZENE
Concen: 1.36 PPBV
RT: 15.190 min Scan# 7102
Delta R.T. -0.005 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

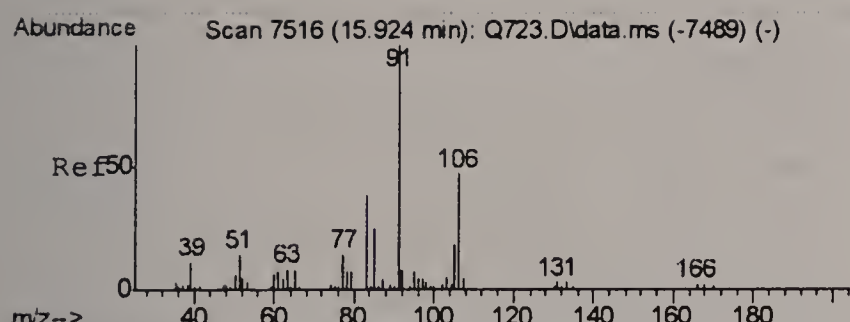
Tgt Ion: 91 Resp: 55064
Ion Ratio Lower Upper
91 100
106 25.6 5.2 45.2
77 11.5 0.0 31.7



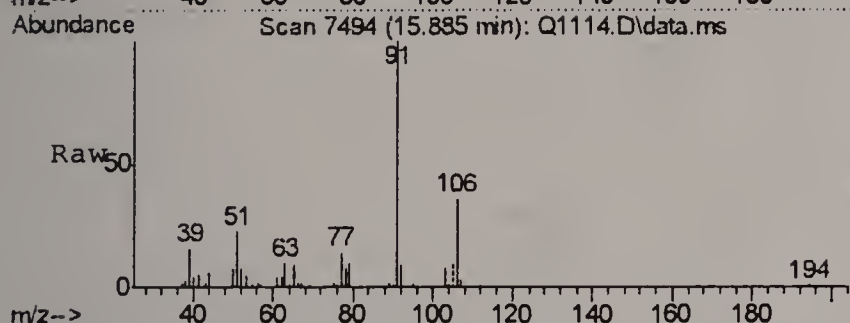
#56
m,p-XYLENE
Concen: 3.20 PPBV
RT: 15.365 min Scan# 7201
Delta R.T. -0.021 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

Tgt Ion: 106 Resp: 51321
Ion Ratio Lower Upper
106 100
91 228.3 176.7 265.1
77 39.2 31.4 47.2

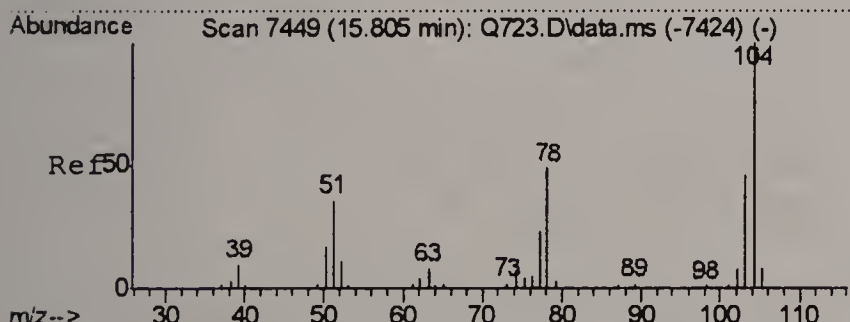
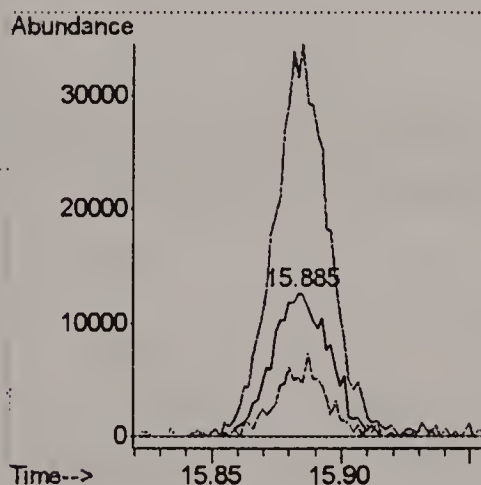
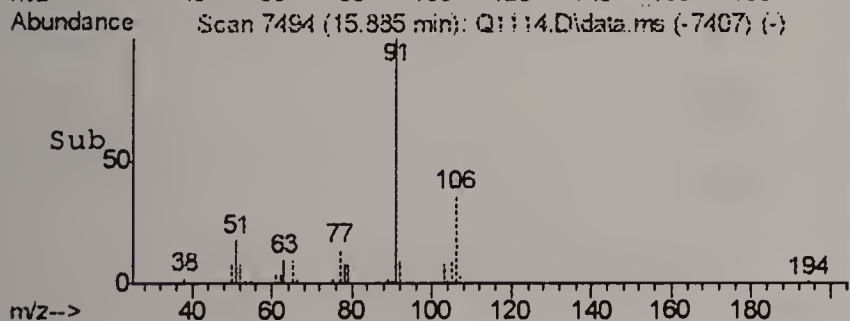




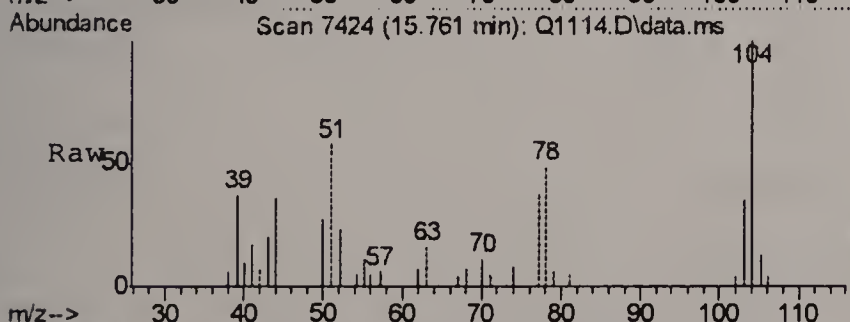
#57
o-XYLENE
Concen: 1.36 PPBV
RT: 15.885 min Scan# 7494
Delta R.T. 0.000 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm



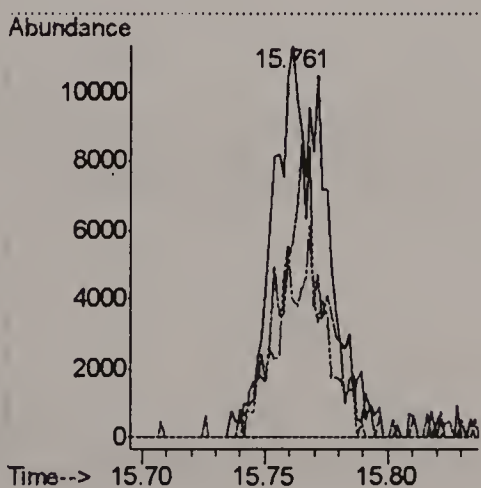
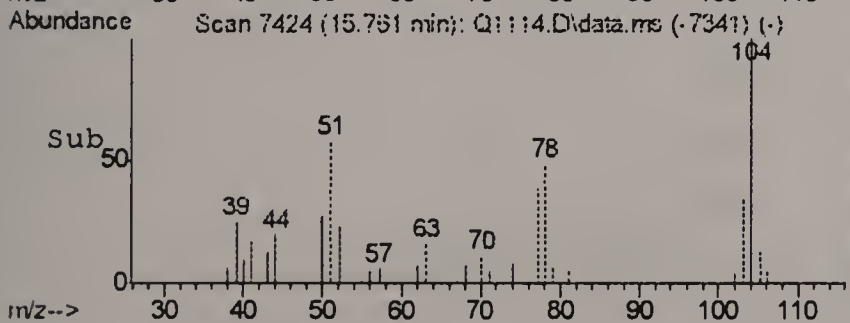
Tgt Ion:106 Resp: 20063
Ion Ratio Lower Upper
106 100
91 253.1 236.1 276.1
77 45.1 22.0 62.0

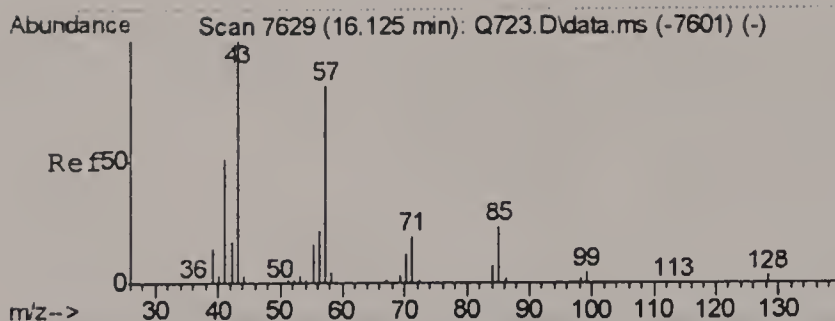


#58
STYRENE
Concen: 1.45 PPBV
RT: 15.761 min Scan# 7424
Delta R.T. -0.007 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm



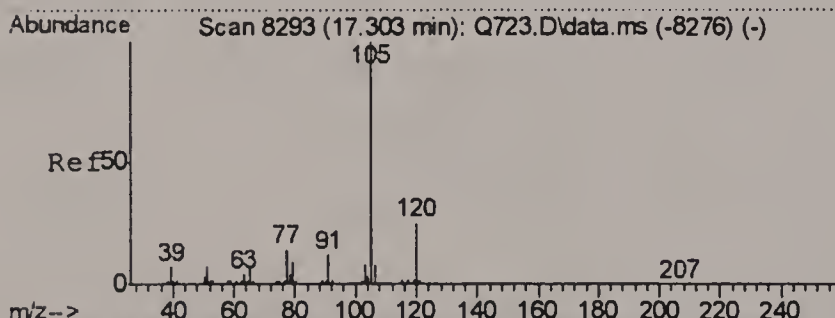
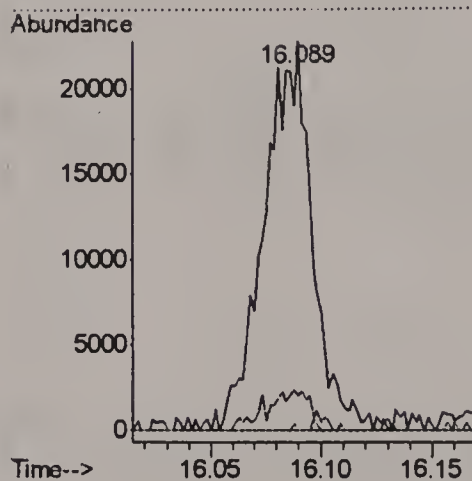
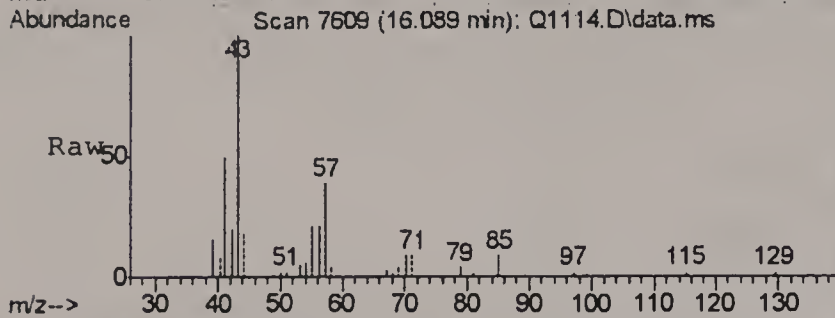
Tgt Ion:104 Resp: 17093
Ion Ratio Lower Upper
104 100
78 61.3 40.8 80.8
103 45.2 28.5 68.5





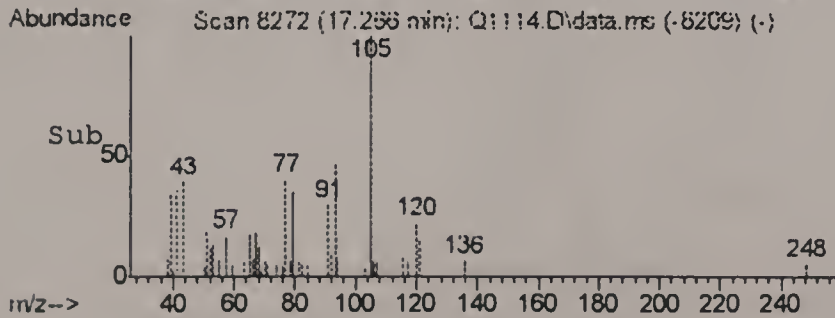
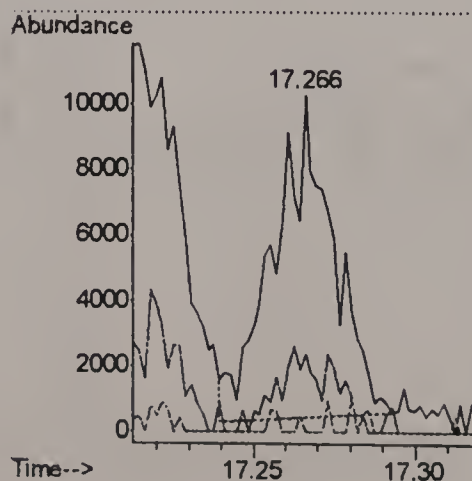
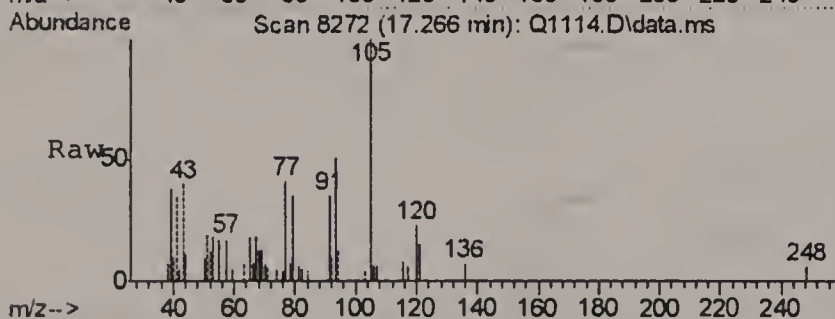
#59
NONANE
Concen: 0.34 PPBV
RT: 16.089 min Scan# 7609
Delta R.T. 0.004 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

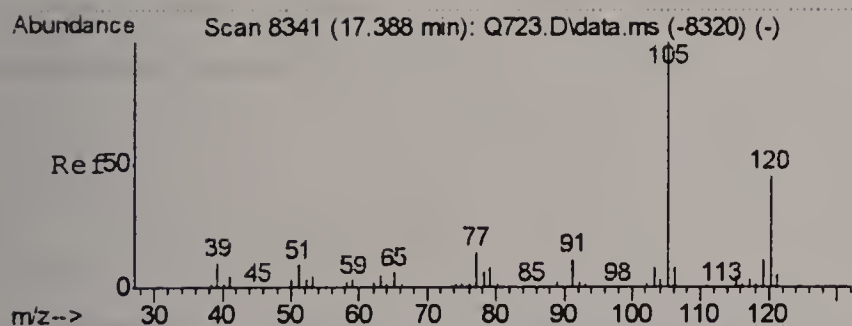
Tgt Ion	Ratio	Lower	Upper
43	100		
71	10.5	0.0	31.5
128	0.4	0.0	21.2



#65
4-ETHYLTOLUENE
Concen: 0.89 PPBV
RT: 17.266 min Scan# 8272
Delta R.T. -0.001 min
Lab File: Q1114.D
Acq: 19 Jul 2006 8:59 pm

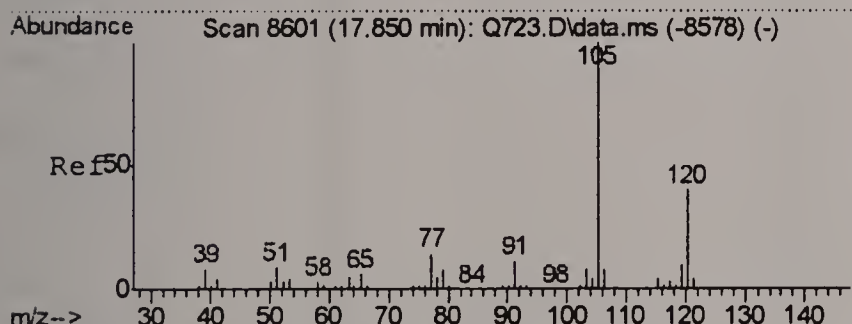
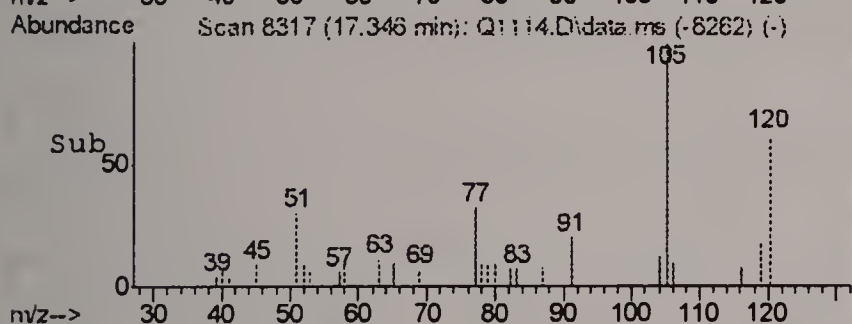
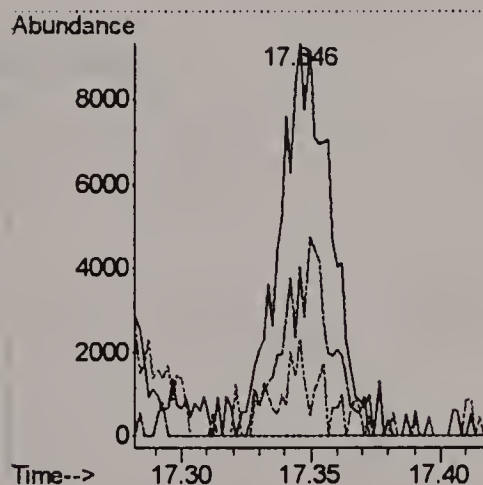
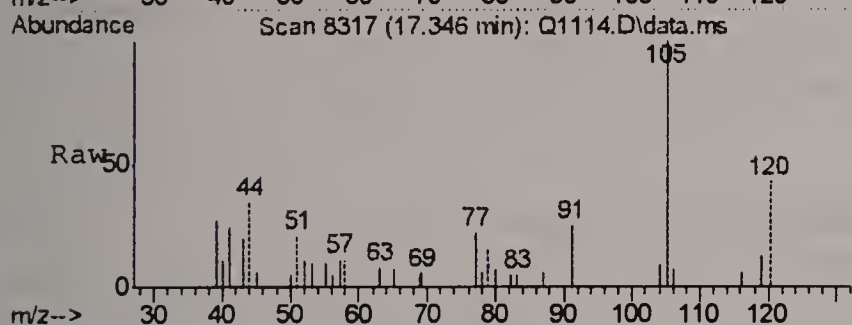
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.9	5.0	45.0
119	1.6	0.0	22.2





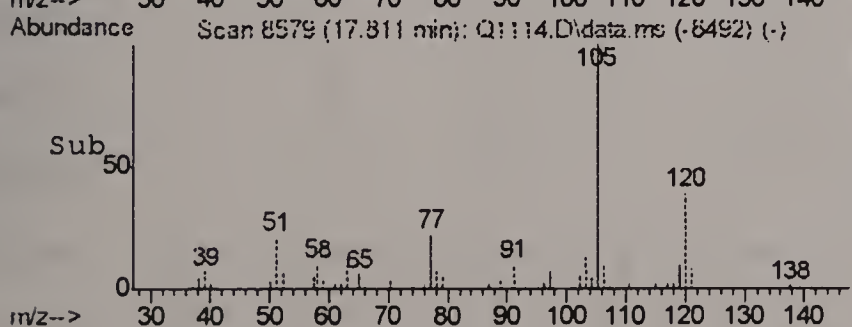
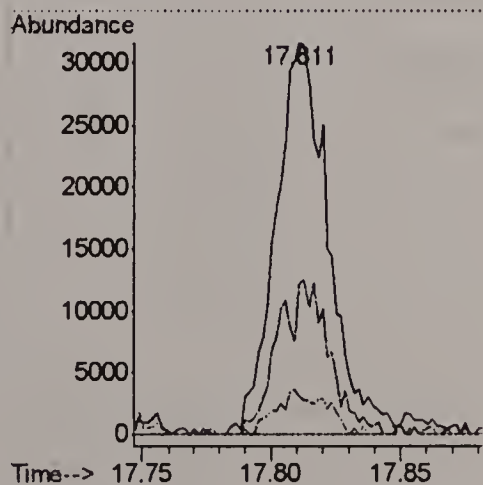
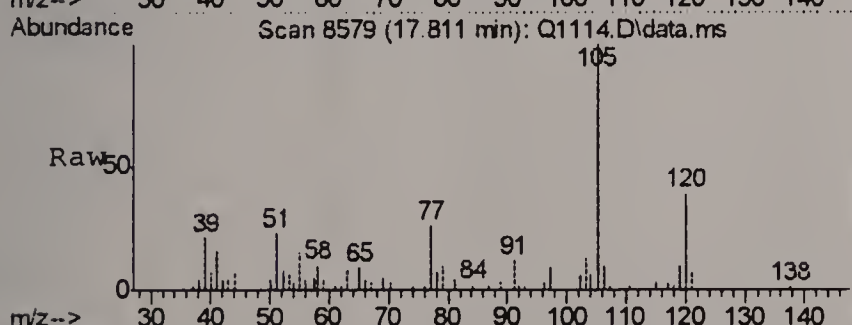
#66
 1,3,5-TRIMETHYLBENZENE
 Concen: 0.82 PPBV
 RT: 17.346 min Scan# 8317
 Delta R.T. -0.005 min
 Lab File: Q1114.D
 Acq: 19 Jul 2006 8:59 pm

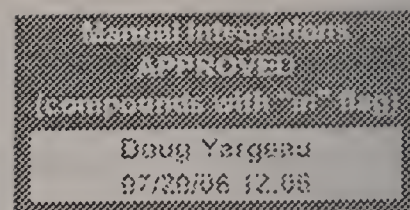
Tgt Ion:	105	Resp:	13307
Ion Ratio	Lower	Upper	
105	100		
120	43.3	20.4	60.4
91	15.0	0.0	33.8



#67
 1,2,4-TRIMETHYLBENZENE
 Concen: 1.62 PPBV
 RT: 17.811 min Scan# 8579
 Delta R.T. -0.001 min
 Lab File: Q1114.D
 Acq: 19 Jul 2006 8:59 pm

Tgt Ion:	105	Resp:	44865
Ion Ratio	Lower	Upper	
105	100		
120	39.4	18.2	58.2
119	11.1	0.0	29.5





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1115.D
Acq On : 19 Jul 2006 9:43 pm
Operator : DougY
Sample : M57573-10 (M142)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 20 09:52:29 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	217991	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.523	114	871441	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.769	117	684365	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.385	95	216355	4.19	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	83.80%

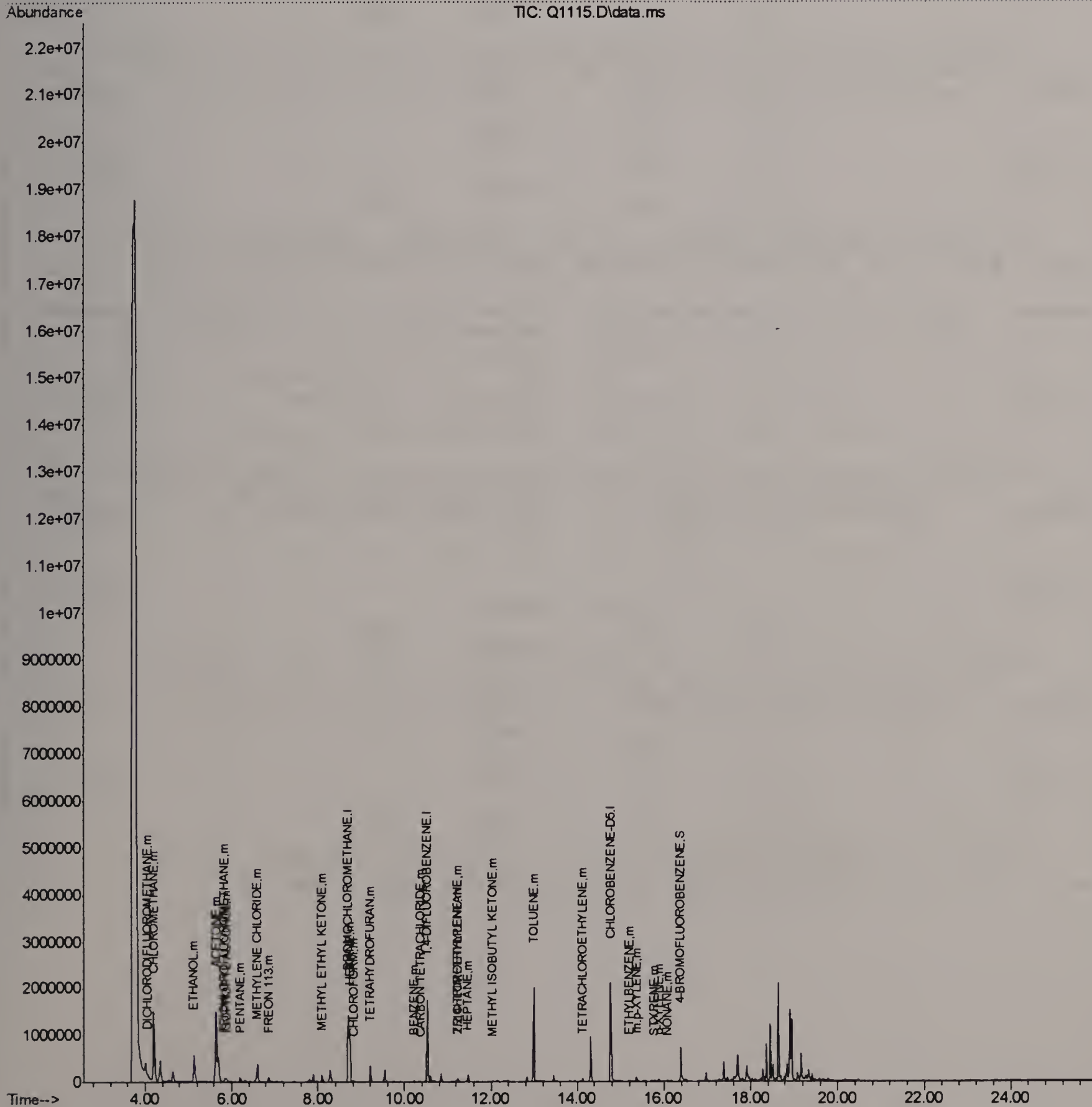
Target Compounds

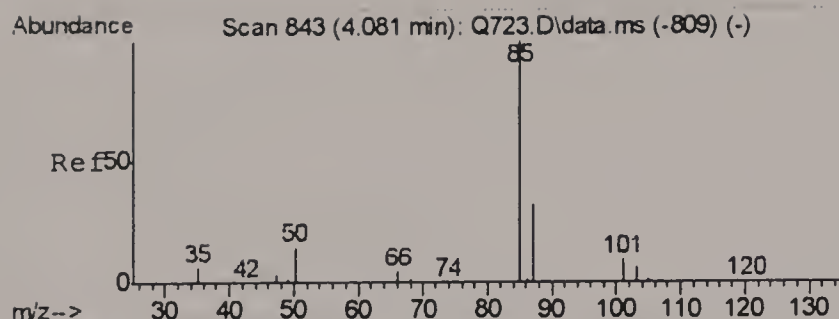
						Qvalue
2) DICHLORODIFLUOROMETHANE	4.061	85	83332	0.68	PPBV	99
5) CHLOROMETHANE	4.218	50	81081	1.45	PPBV	84
10) TRICHLOROFLUOROMETHANE	5.841	101	64698	0.52	PPBV	94
11) ISOPROPYL ALCOHOL	5.879	45	104961	1.50	PPBV	95
12) ACETONE	5.637	43	2710051	31.29	PPBV	99
13) PENTANE	6.205	42	50986	0.94	PPBV	91
16) ETHANOL	5.133	45	855430	51.59	PPBV	97
18) METHYLENE CHLORIDE	6.598	84	106607	4.03	PPBV	95
20) FREON 113	6.862	151	26524	0.73	PPBV	98
24) TETRAHYDROFURAN	9.199	42	230464	6.49	PPBV	98
25) HEXANE	8.731	57	414918	7.44	PPBV	99
28) METHYL ETHYL KETONE	8.090	43	198925	2.55	PPBV	97
31) CHLOROFORM	8.816	83	12740	0.17	PPBV	97
33) CARBON TETRACHLORIDE	10.358	117	6736	0.11	PPBV #	17
36) BENZENE	10.209	78	26145	0.47	PPBV	96
38) TRICHLOROETHYLENE	11.212	95	11221	0.39	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.233	57	33630	0.19	PPBV	84
43) HEPTANE	11.471	43	55943	0.75	PPBV	99
44) METHYL ISOBUTYL KETONE	12.043	43	9269	0.11	PPBV #	62
46) TOLUENE	12.985	92	568078	14.82	PPBV	99
51) TETRACHLOROETHYLENE	14.121	164	9002m	0.60	PPBV	
55) ETHYLBENZENE	15.196	91	21864	0.91	PPBV	98
56) m,p-XYLENE	15.365	106	19605	1.94	PPBV	90
57) o-XYLENE	15.885	106	7201	0.88	PPBV	95
58) STYRENE	15.768	104	6448	1.06	PPBV	93
59) NONANE	16.084	43	12429	0.13	PPBV	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
 Data File : Q1115.D
 Acq On : 19 Jul 2006 9:43 pm
 Operator : DougY
 Sample : M57573-10 (M142)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

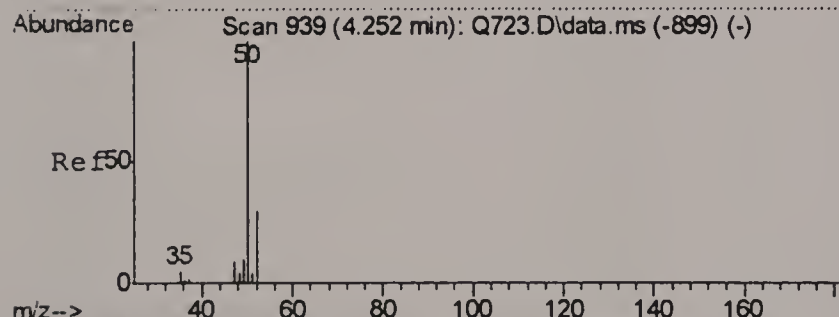
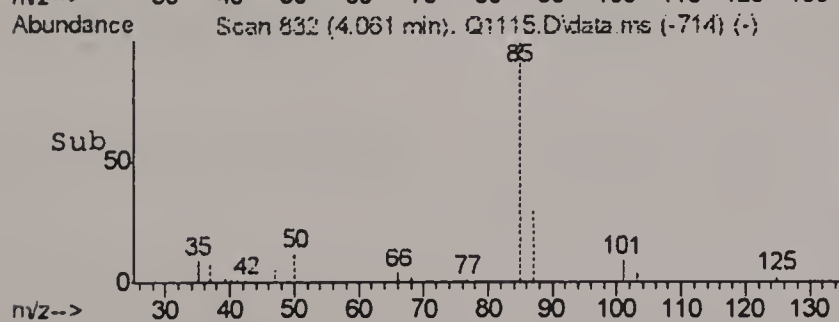
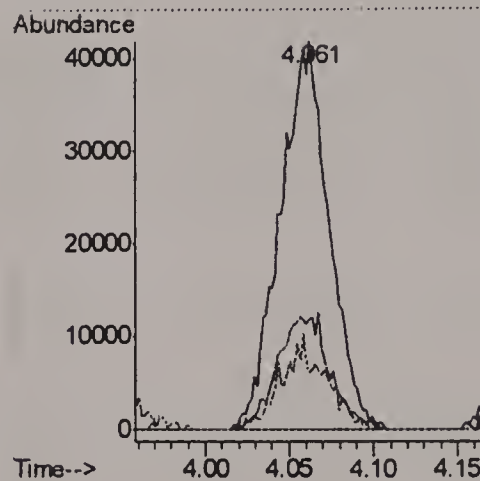
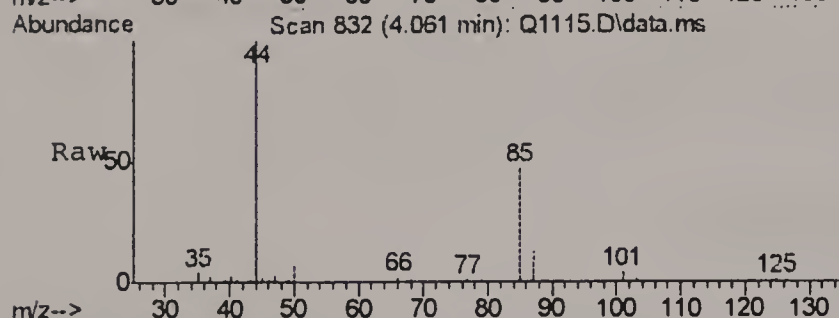
Quant Time: Jul 20 09:52:29 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





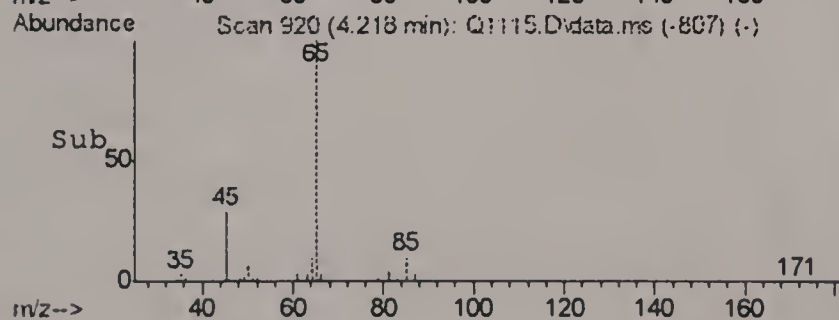
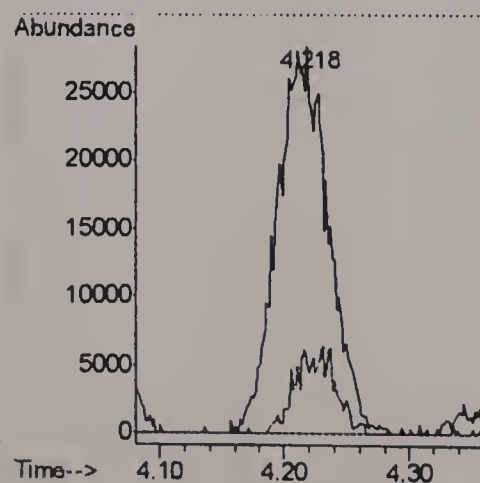
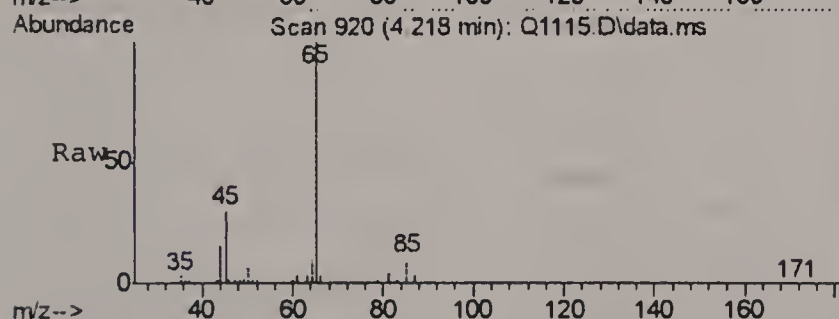
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.68 PPBV
 RT: 4.061 min Scan# 832
 Delta R.T. 0.003 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm

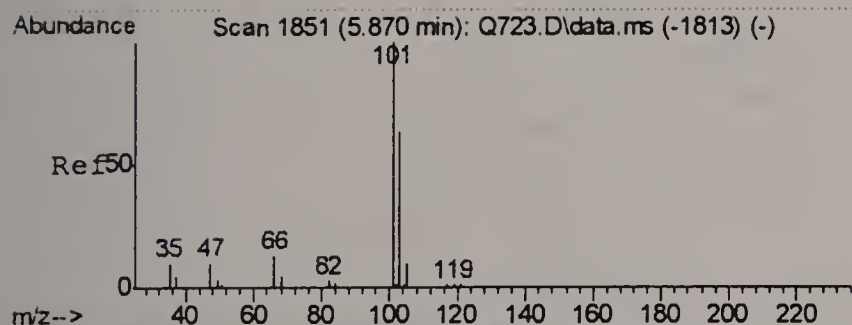
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	12.1	52.1
50	21.6	1.6	41.6



#5
 CHLOROMETHANE
 Concen: 1.45 PPBV
 RT: 4.218 min Scan# 920
 Delta R.T. -0.006 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm

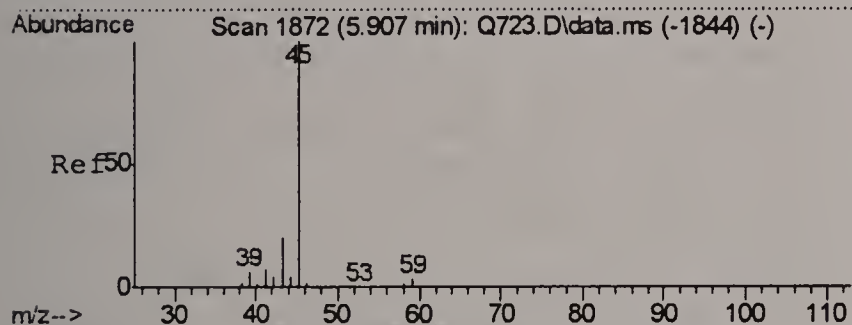
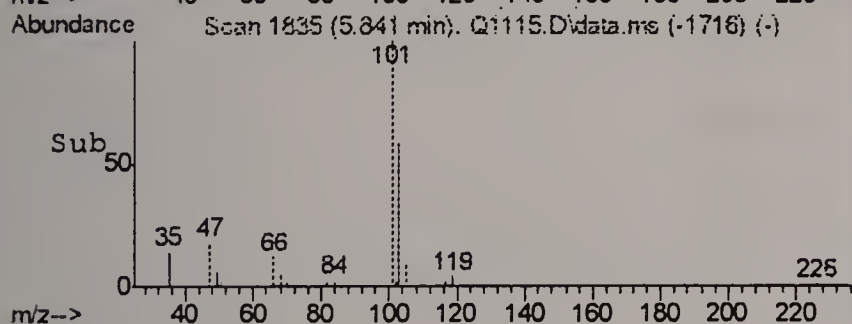
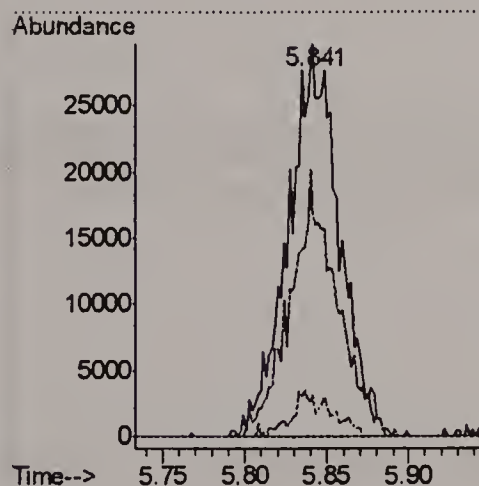
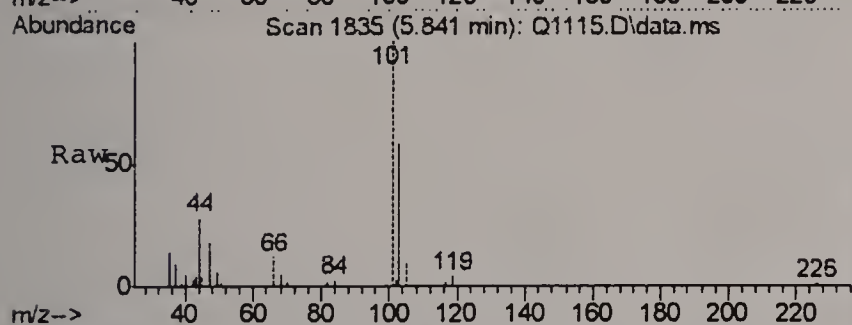
Tgt Ion	Ratio	Lower	Upper
50	100		
52	18.7	7.1	47.1





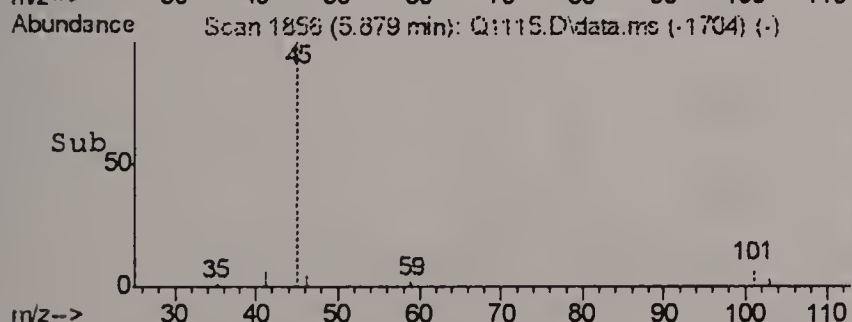
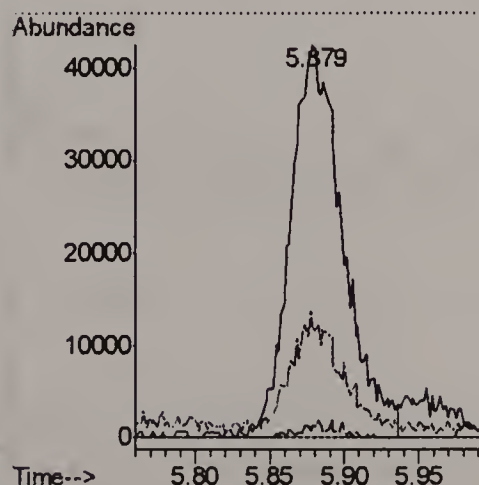
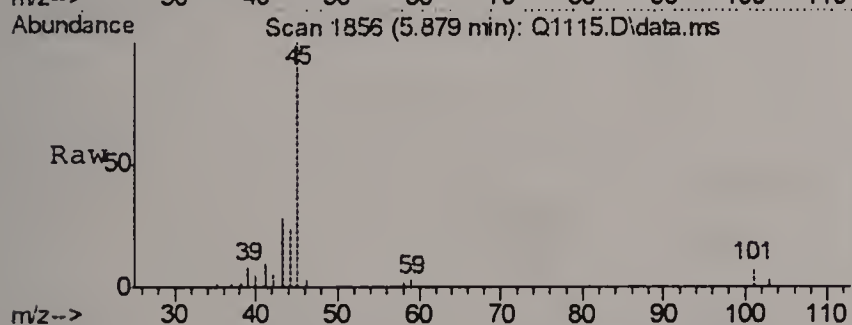
#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.52 PPBV
 RT: 5.841 min Scan# 1835
 Delta R.T. 0.005 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm

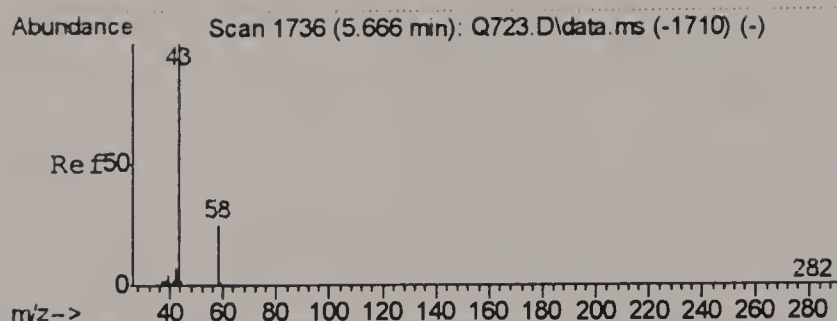
Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.9	44.2	84.2
105	3.5	0.0	30.2



#11
 ISOPROPYL ALCOHOL
 Concen: 1.50 PPBV
 RT: 5.879 min Scan# 1856
 Delta R.T. 0.012 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm

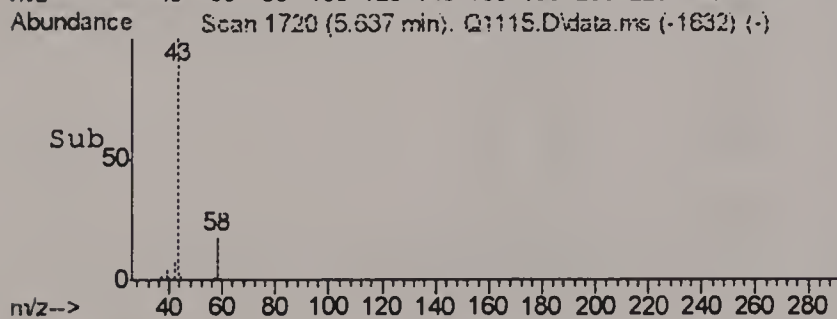
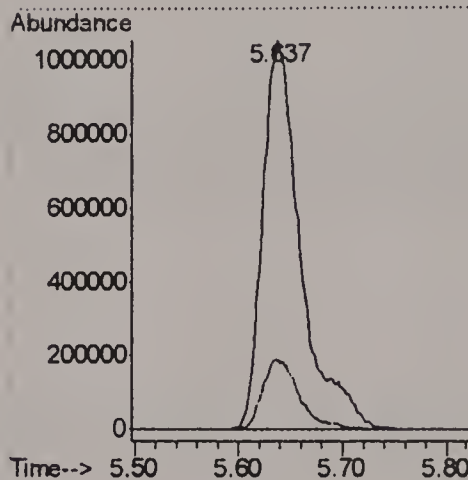
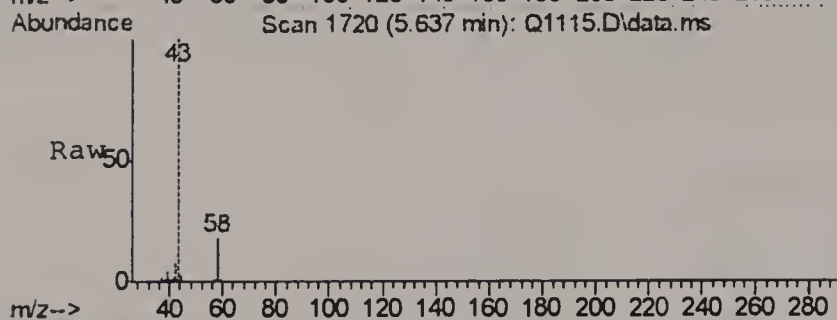
Tgt Ion	Ratio	Lower	Upper
45	100		
59	3.4	0.0	22.9
43	28.4	5.7	45.7





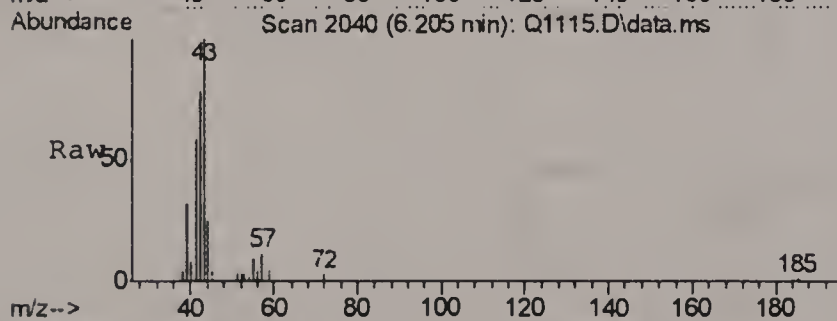
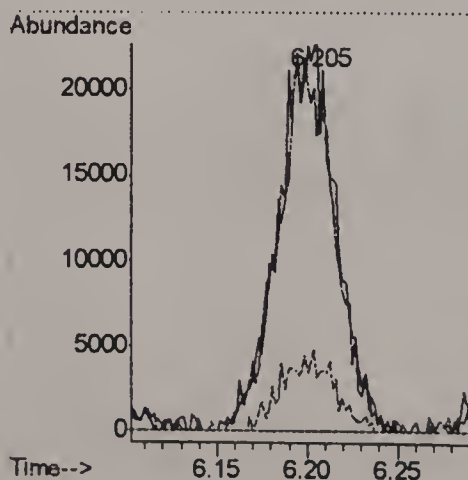
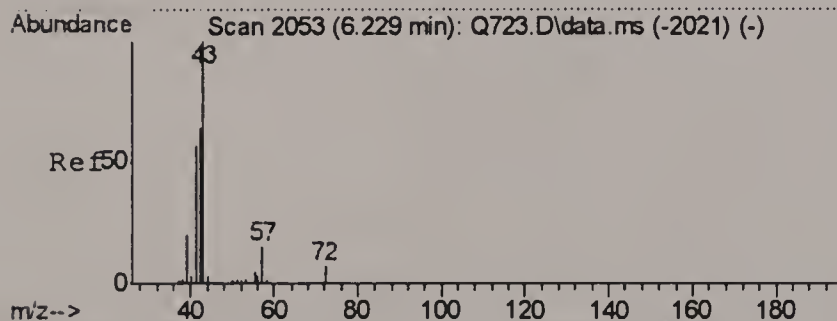
#12
ACETONE
Concen: 31.29 PPBV
RT: 5.637 min Scan# 1720
Delta R.T. 0.002 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

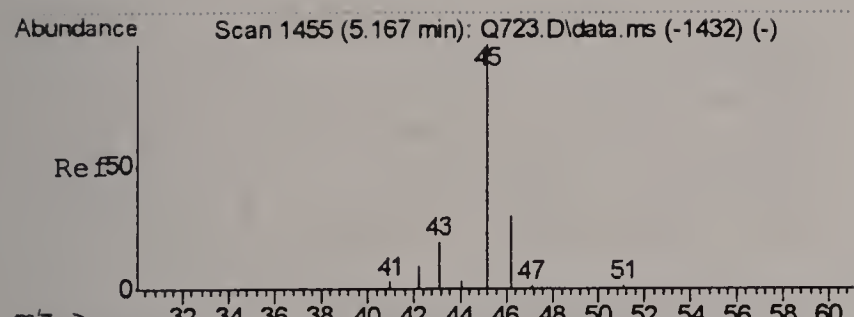
Tgt Ion: 43 Resp: 2710051
Ion Ratio Lower Upper
43 100
58 17.6 0.0 37.4



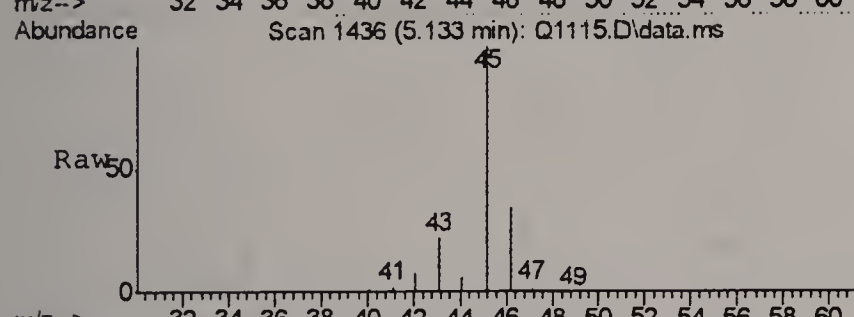
#13
PENTANE
Concen: 0.94 PPBV
RT: 6.205 min Scan# 2040
Delta R.T. 0.012 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

Tgt Ion: 42 Resp: 50986
Ion Ratio Lower Upper
42 100
41 94.1 80.1 120.1
57 7.8 0.0 37.8

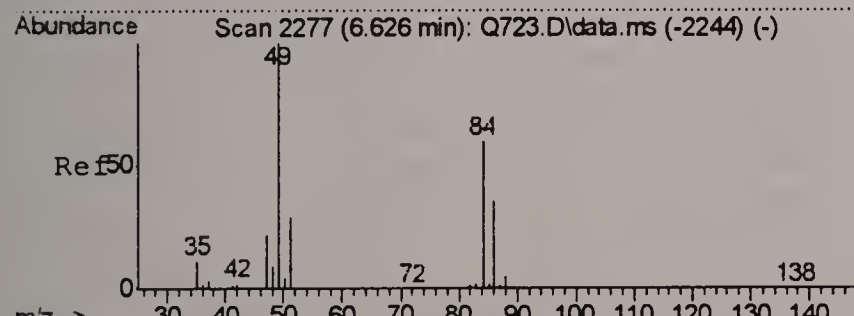
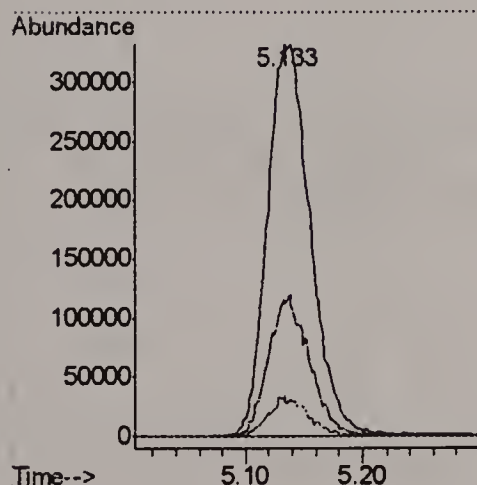
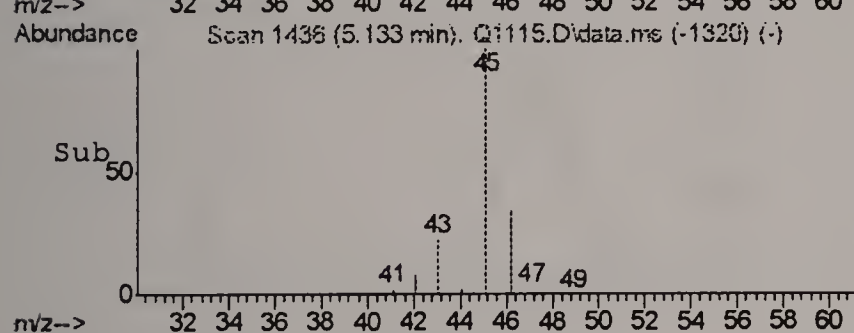




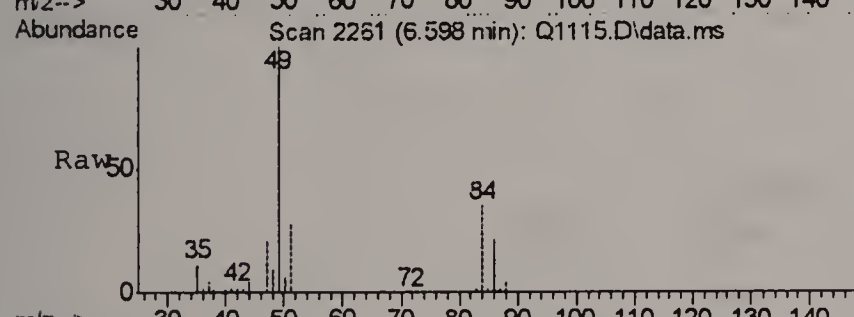
#16
ETHANOL
Concen: 51.59 PPBV
RT: 5.133 min Scan# 1436
Delta R.T. -0.000 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm



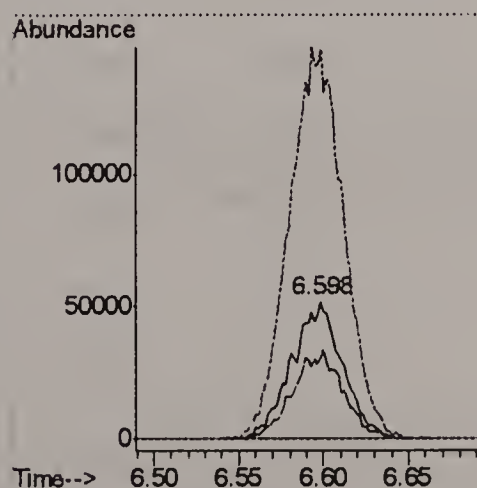
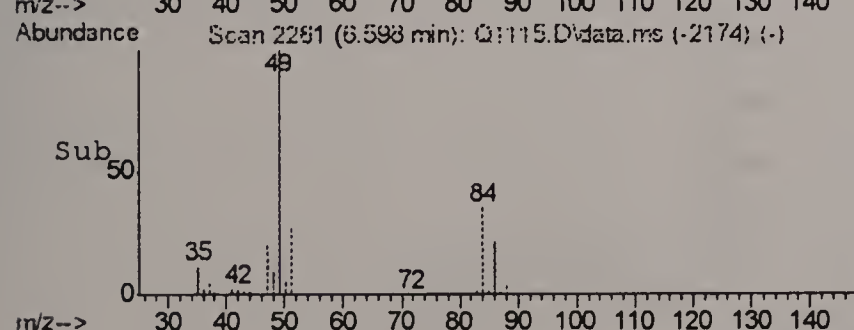
Tgt Ion: 45 Resp: 855430
Ion Ratio Lower Upper
45 100
46 34.1 13.2 53.2
42 9.5 0.0 26.3

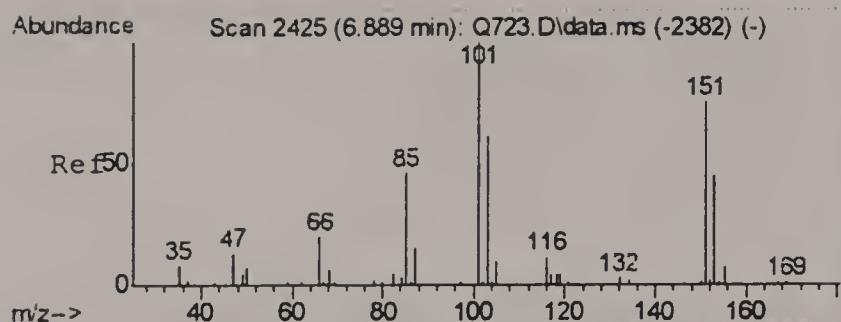


#18
METHYLENE CHLORIDE
Concen: 4.03 PPBV
RT: 6.598 min Scan# 2261
Delta R.T. 0.005 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm



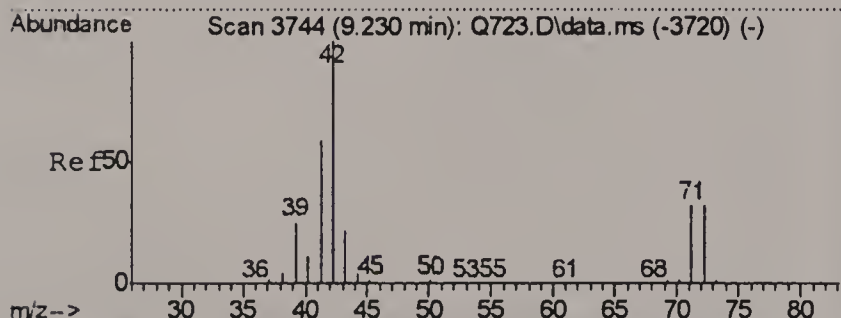
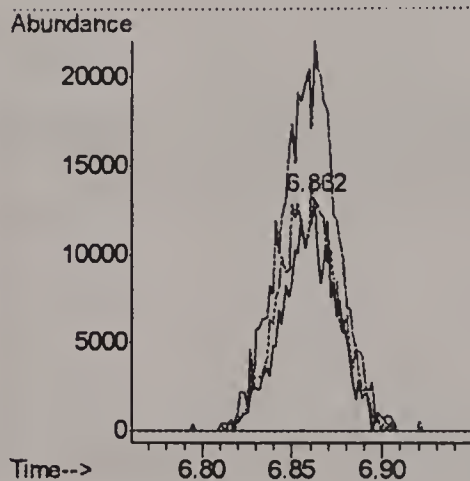
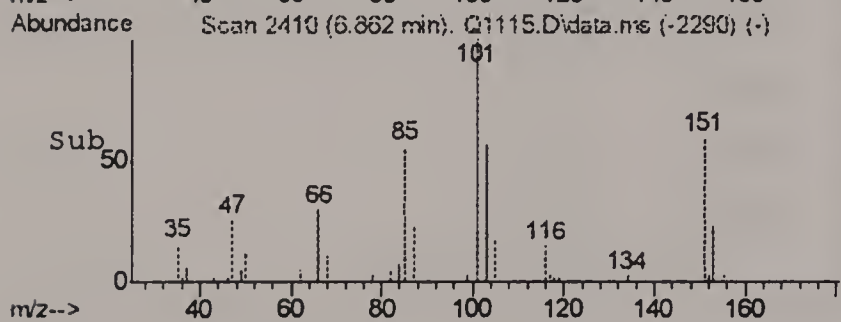
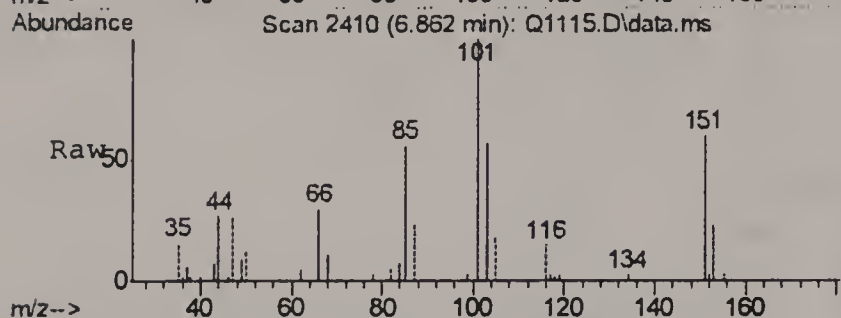
Tgt Ion: 84 Resp: 106607
Ion Ratio Lower Upper
84 100
86 63.7 44.2 84.2
49 307.5 119.3 519.3





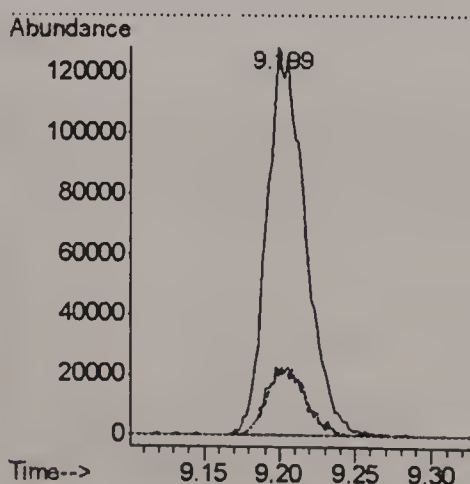
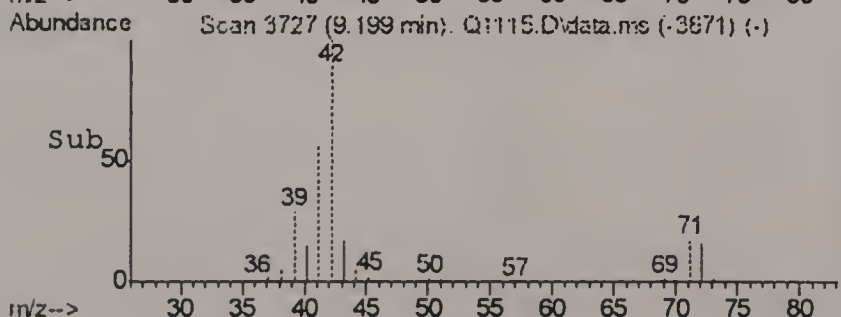
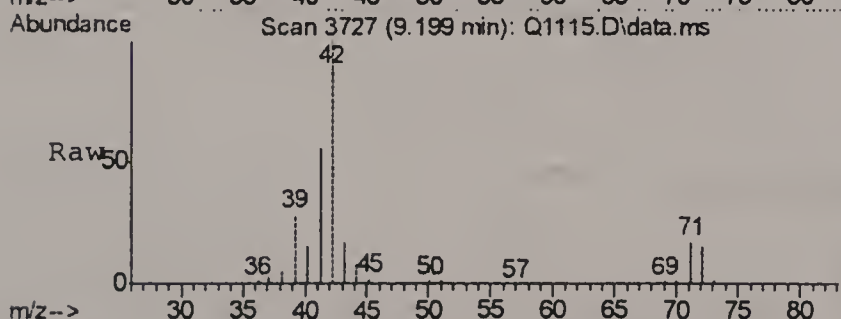
#20
FREON 113
Concen: 0.73 PPBV
RT: 6.862 min Scan# 2410
Delta R.T. 0.007 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

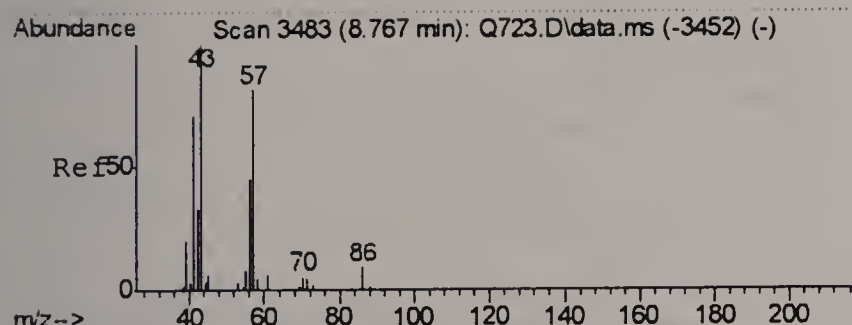
Tgt Ion	Resp	Lower	Upper
151	26524		
101	181.4	165.1	205.1
103	119.7	98.2	138.2



#24
TETRAHYDROFURAN
Concen: 6.49 PPBV
RT: 9.199 min Scan# 3727
Delta R.T. -0.004 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

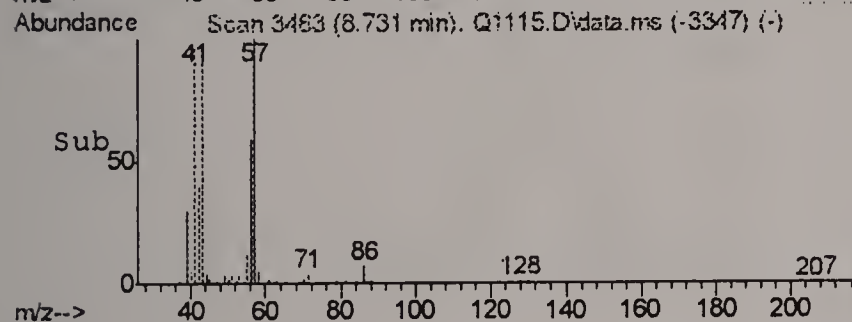
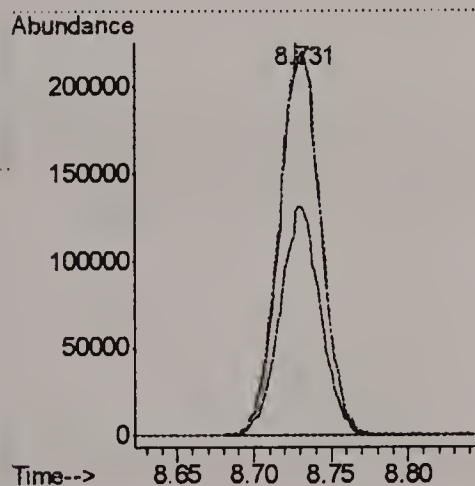
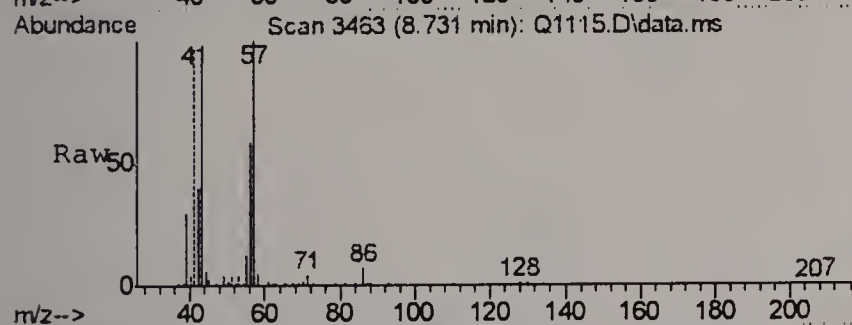
Tgt Ion	Resp	Lower	Upper
42	230464		
72	18.2	0.0	39.2
71	18.1	0.0	38.8





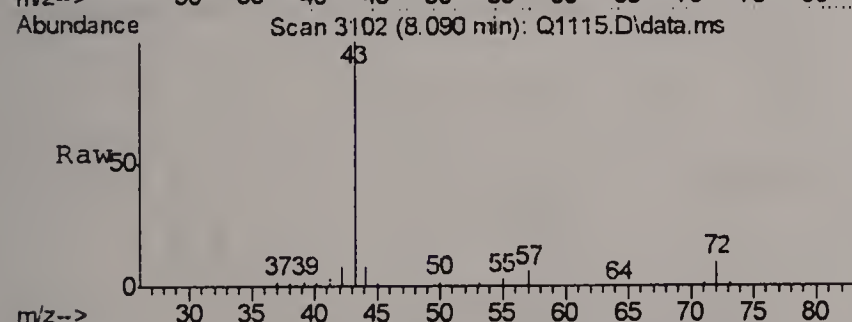
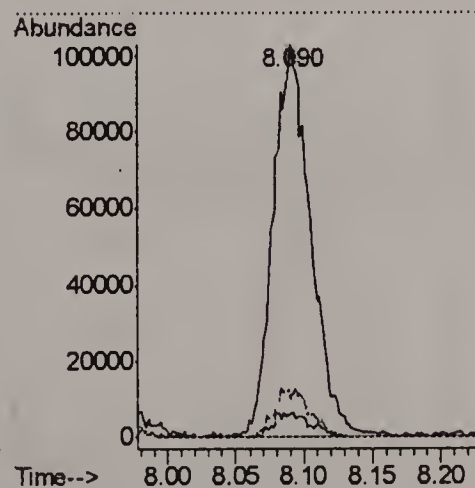
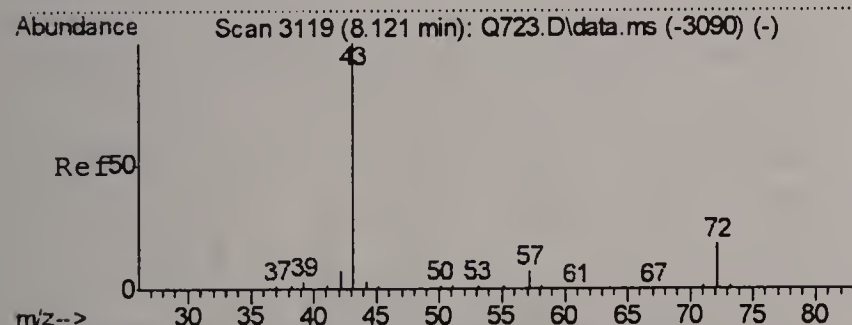
#25
HEXANE
Concen: 7.44 PPBV
RT: 8.731 min Scan# 3463
Delta R.T. -0.000 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

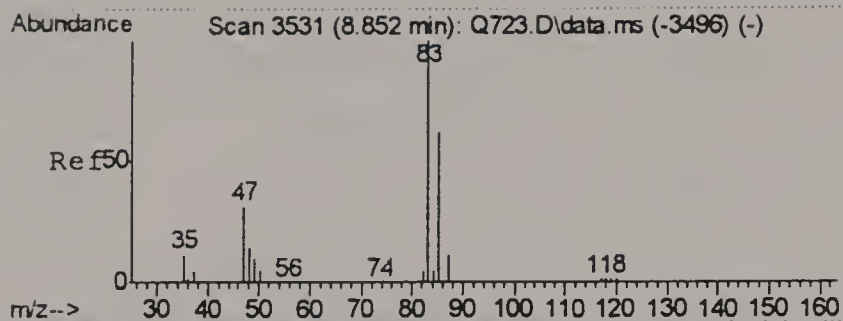
Tgt Ion: 57 Resp: 414918
Ion Ratio Lower Upper
57 100
56 58.7 38.6 78.6
41 103.0 84.1 124.1



#28
METHYL ETHYL KETONE
Concen: 2.55 PPBV
RT: 8.090 min Scan# 3102
Delta R.T. 0.003 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

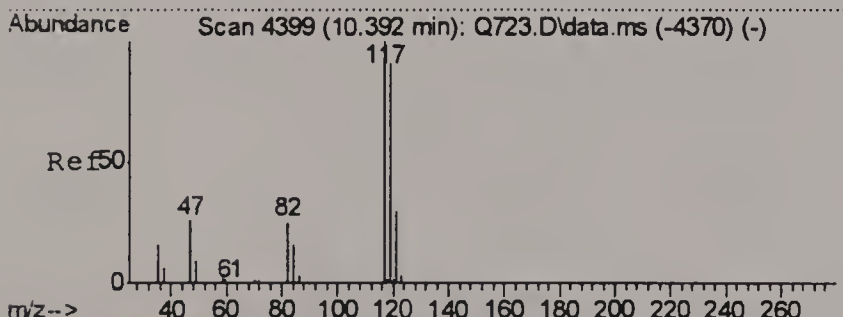
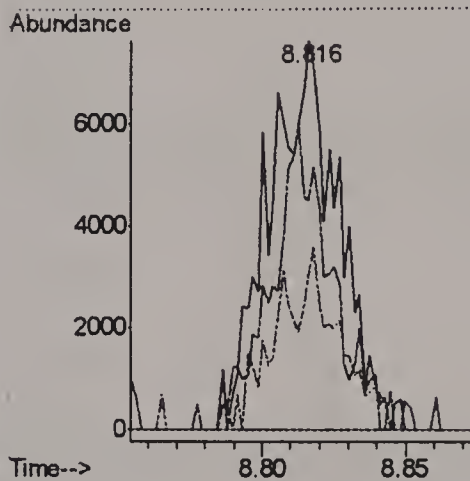
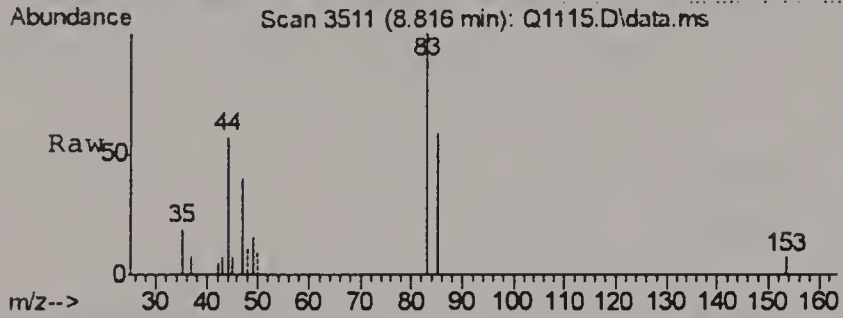
Tgt Ion: 43 Resp: 198925
Ion Ratio Lower Upper
43 100
57 6.0 0.0 26.0
72 9.9 0.0 31.5





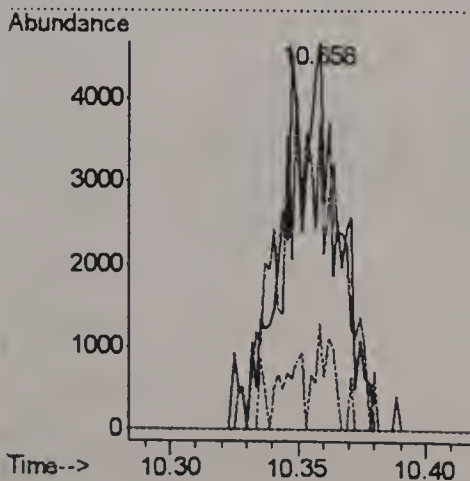
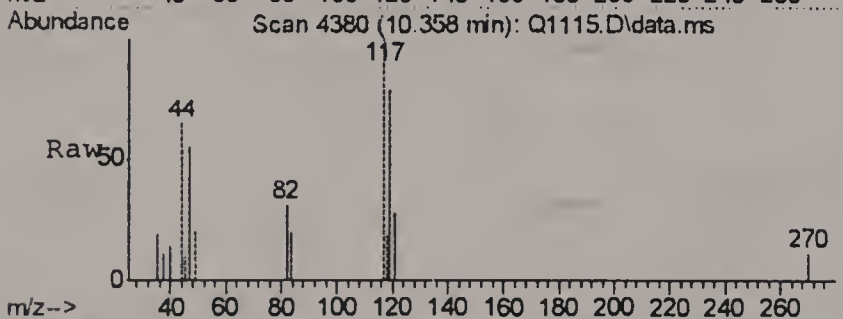
#31
CHLOROFORM
Concen: 0.17 PPBV
RT: 8.816 min Scan# 3511
Delta R.T. 0.002 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

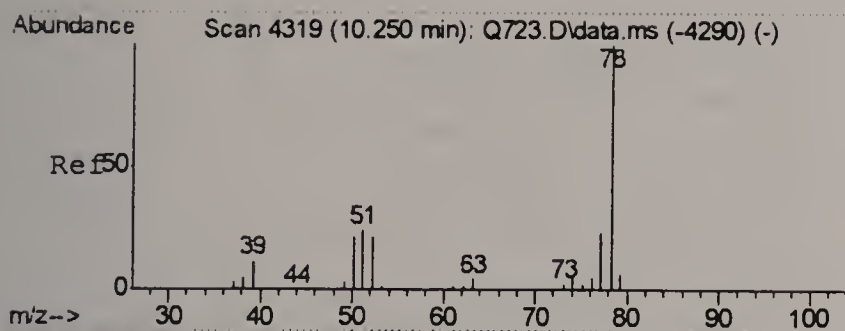
Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.0	45.2	85.2
47	41.8	23.0	63.0



#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.358 min Scan# 4380
Delta R.T. 0.005 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

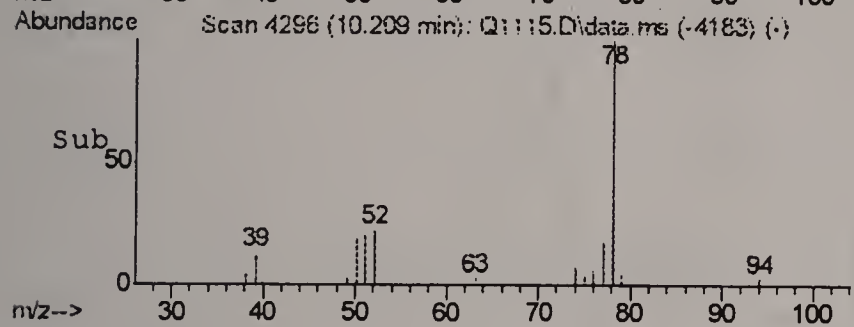
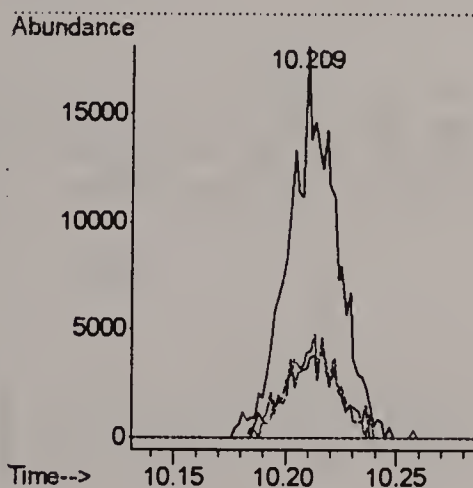
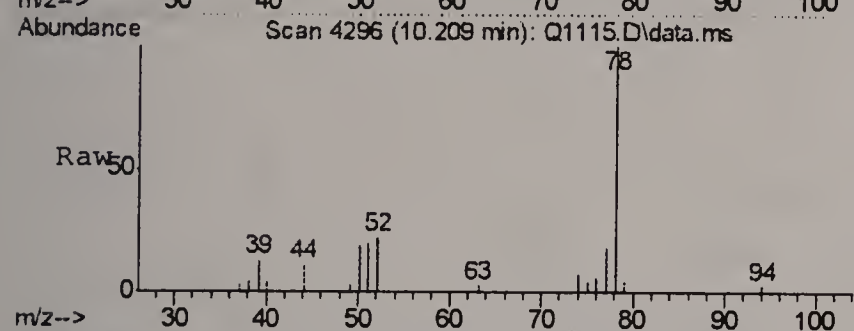
Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.9	114.9#
121	10.3	9.3	49.3





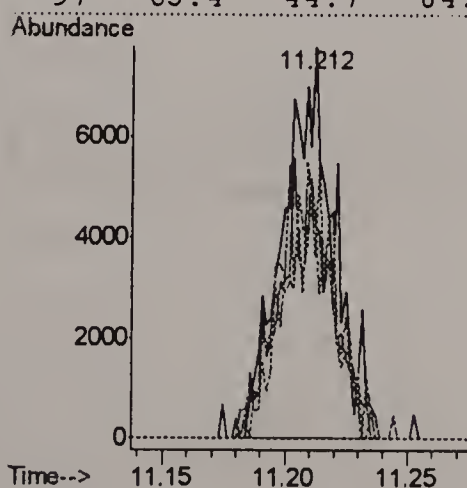
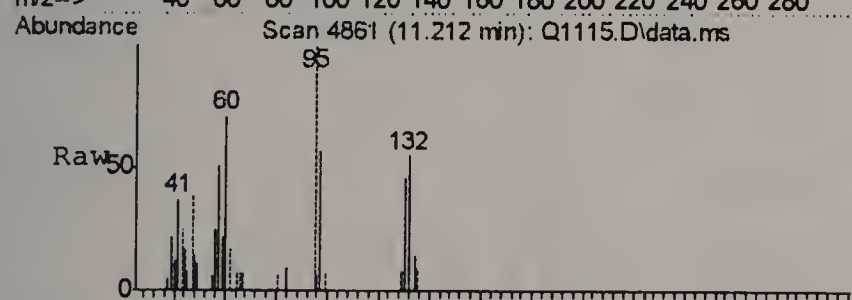
#36
 BENZENE
 Concen: 0.47 PPBV
 RT: 10.209 min Scan# 4296
 Delta R.T. -0.006 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm

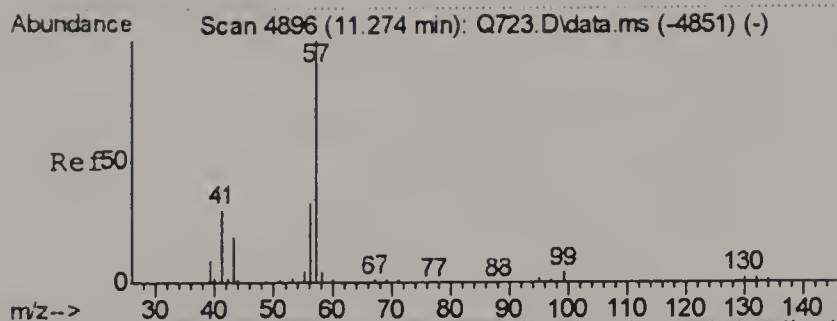
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	4.3	44.3
52	27.1	10.0	50.0



#38
 TRICHLOROETHYLENE
 Concen: 0.39 PPBV
 RT: 11.212 min Scan# 4861
 Delta R.T. -0.000 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm

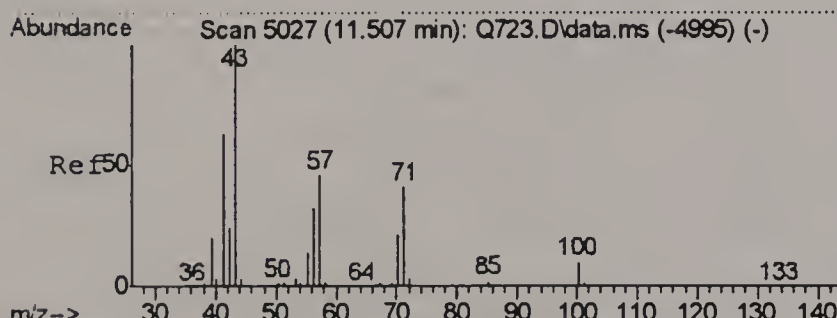
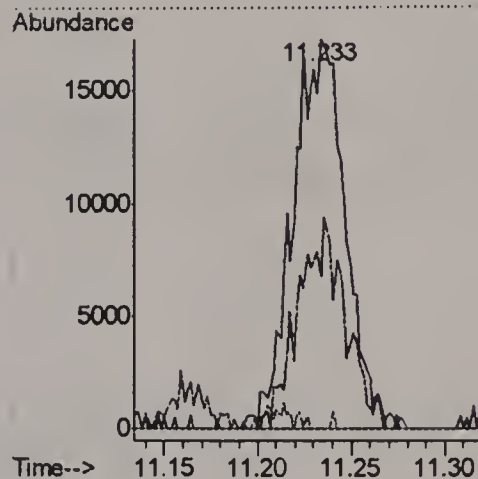
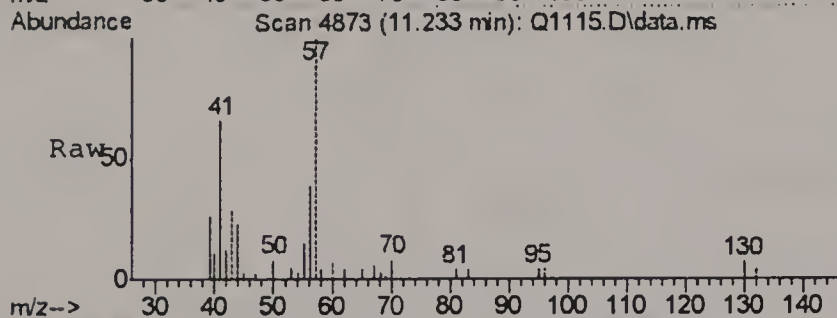
Tgt Ion	Ratio	Lower	Upper
95	100		
132	66.1	44.9	84.9
130	71.4	46.3	86.3
97	65.4	44.7	84.7





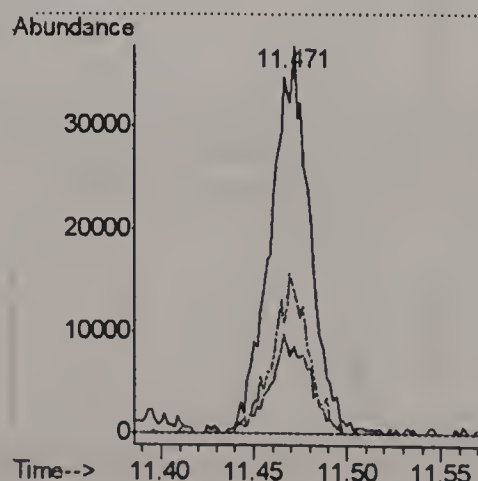
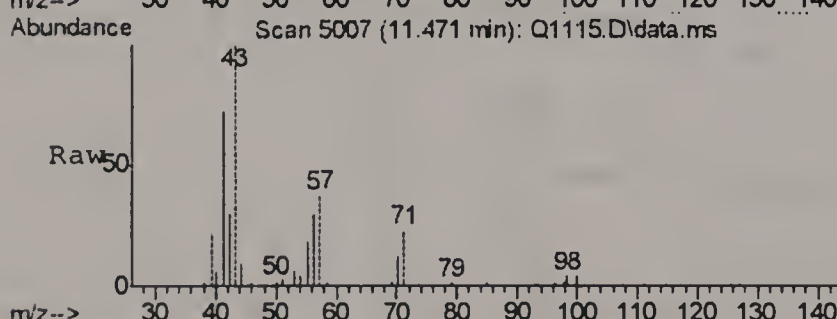
#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.19 PPBV
RT: 11.233 min Scan# 4873
Delta R.T. 0.002 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

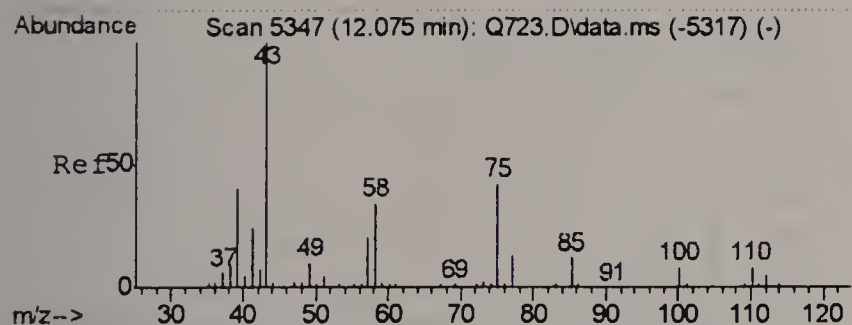
Tgt Ion: 57	Resp: 33630
Ion Ratio	Lower Upper
57	100
56	24.3 14.1 54.1
99	0.2 0.0 23.8



#43
HEPTANE
Concen: 0.75 PPBV
RT: 11.471 min Scan# 5007
Delta R.T. -0.000 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

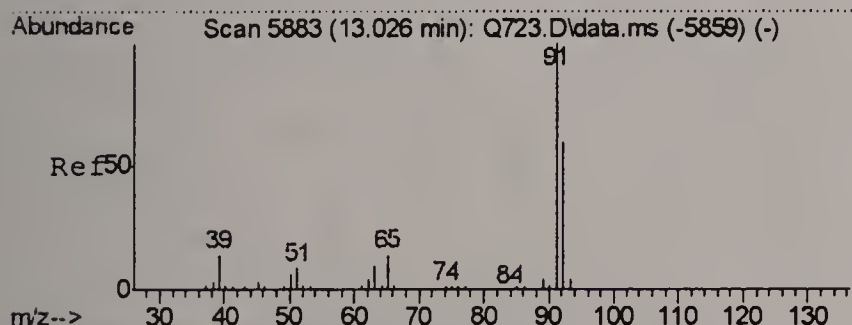
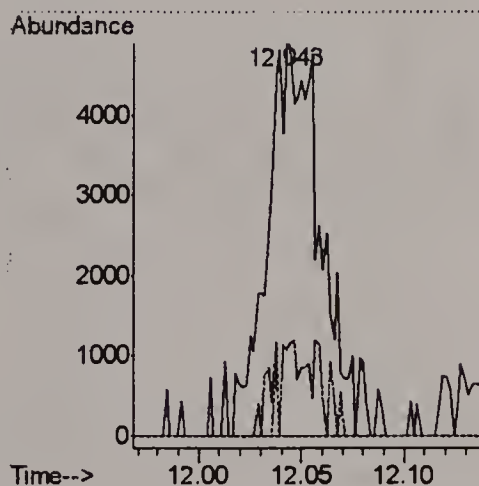
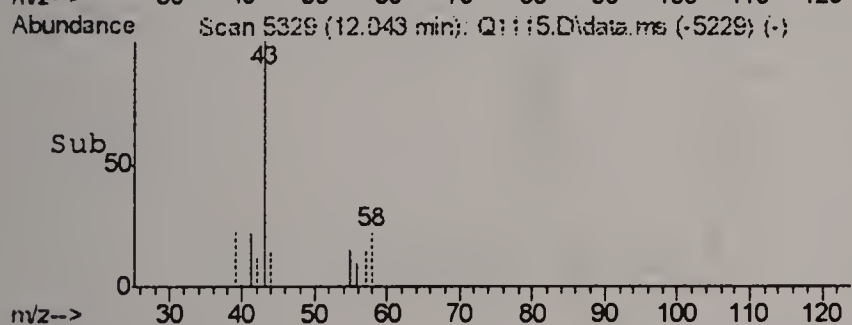
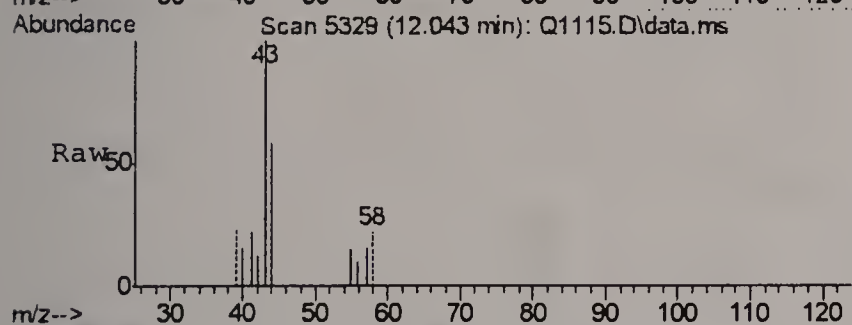
Tgt Ion: 43	Resp: 55943
Ion Ratio	Lower Upper
43	100
71	25.5 5.6 45.6
57	37.0 18.2 58.2





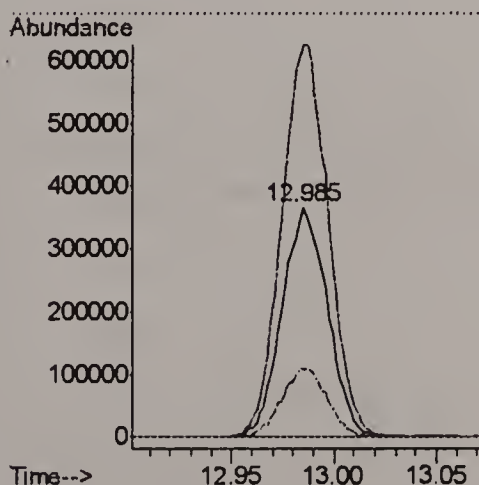
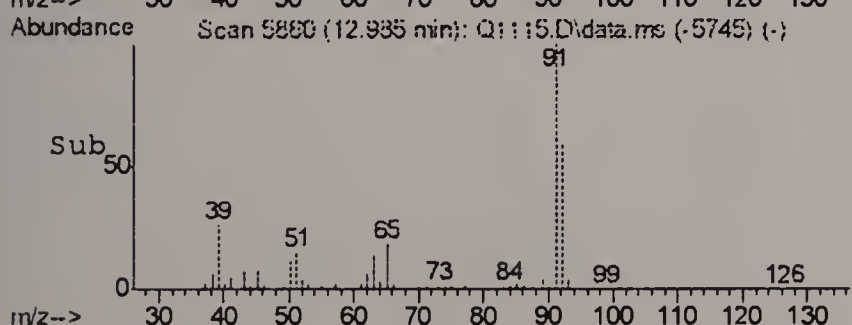
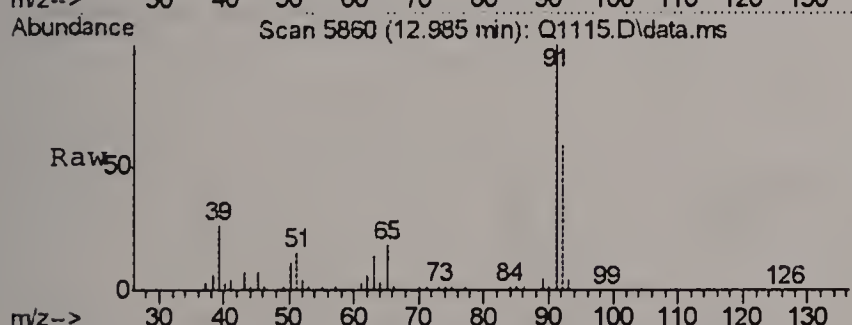
#44
METHYL ISOBUTYL KETONE
Concen: 0.11 PPBV
RT: 12.043 min Scan# 5329
Delta R.T. 0.003 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

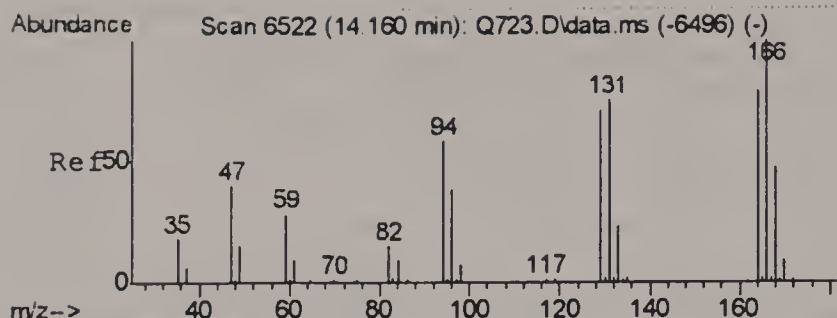
Tgt Ion: 43 Resp: 9269
Ion Ratio Lower Upper
43 100
58 4.2 5.5 45.5#
100 0.0 0.0 23.8



#46
TOLUENE
Concen: 14.82 PPBV
RT: 12.985 min Scan# 5860
Delta R.T. -0.001 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

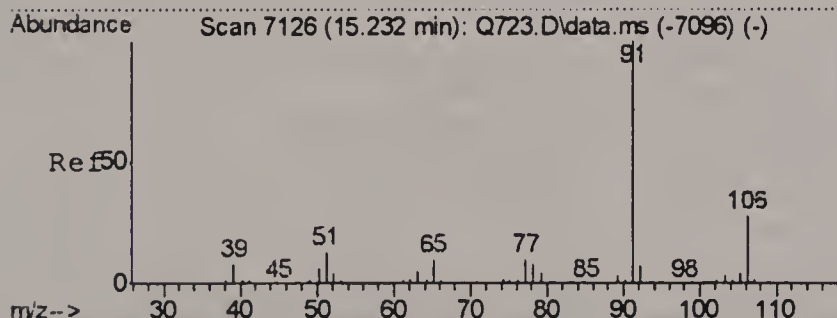
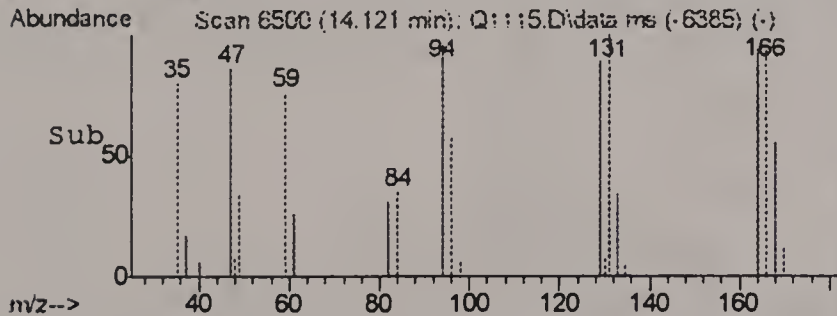
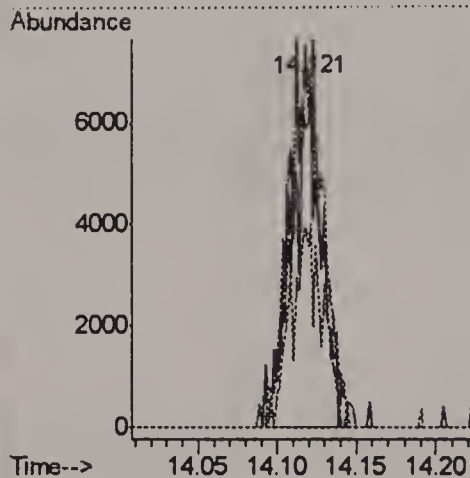
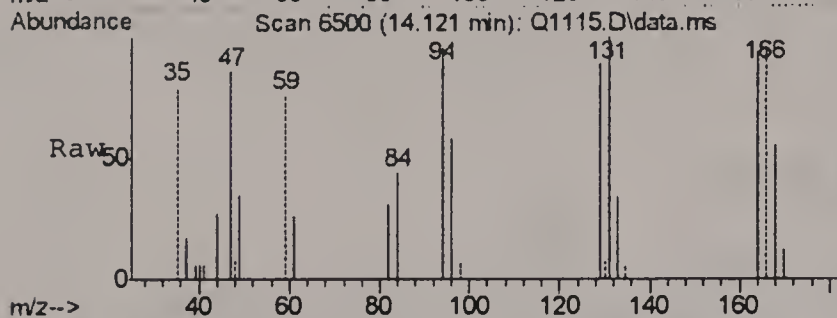
Tgt Ion: 92 Resp: 568078
Ion Ratio Lower Upper
92 100
91 175.3 156.4 196.4
65 30.4 10.3 50.3





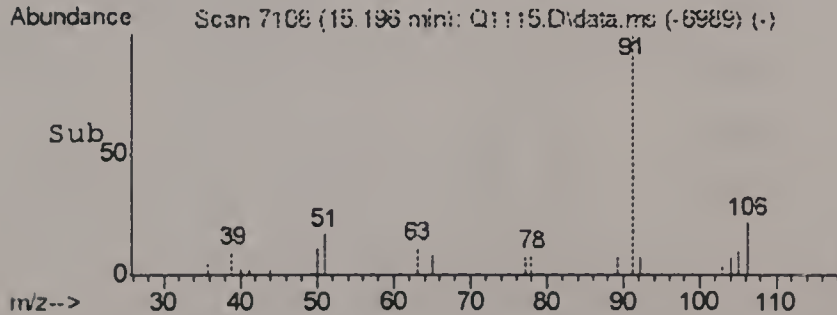
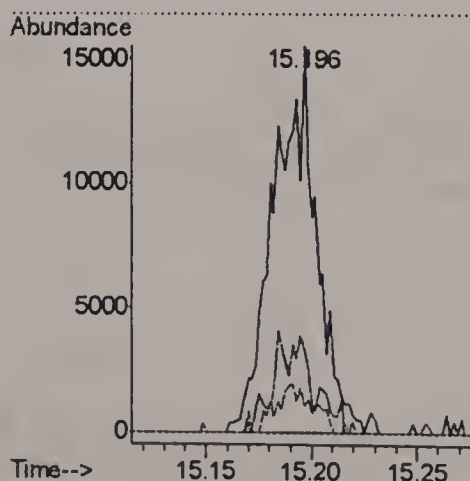
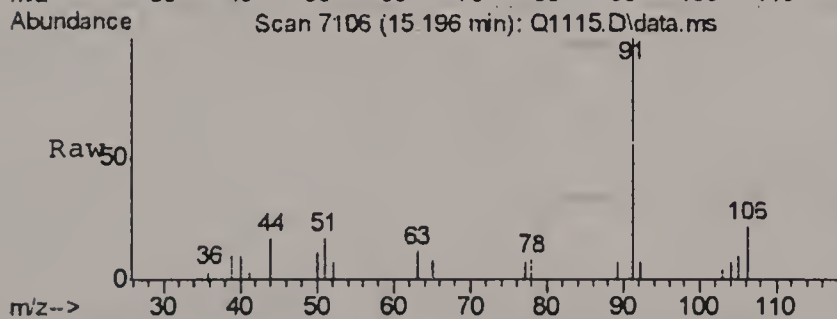
#51
TETRACHLOROETHYLENE
Concen: 0.60 PPBV m
RT: 14.121 min Scan# 6500
Delta R.T. -0.002 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

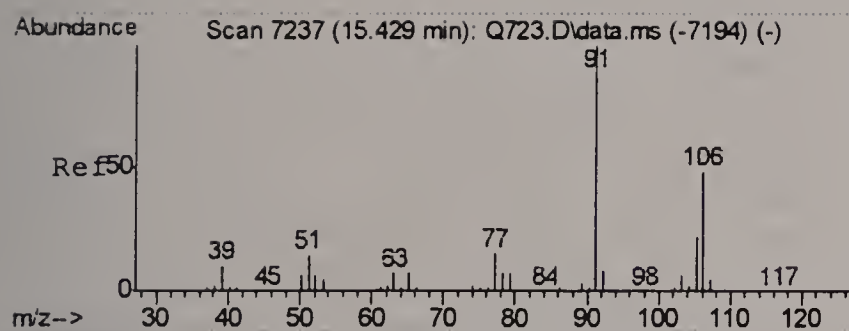
Tgt Ion	Ratio	Lower	Upper
164	100		
129	0.0	102.5	142.5#
168	61.9	39.4	79.4
131	119.3	101.1	141.1



#55
ETHYLBENZENE
Concen: 0.91 PPBV
RT: 15.196 min Scan# 7106
Delta R.T. 0.002 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

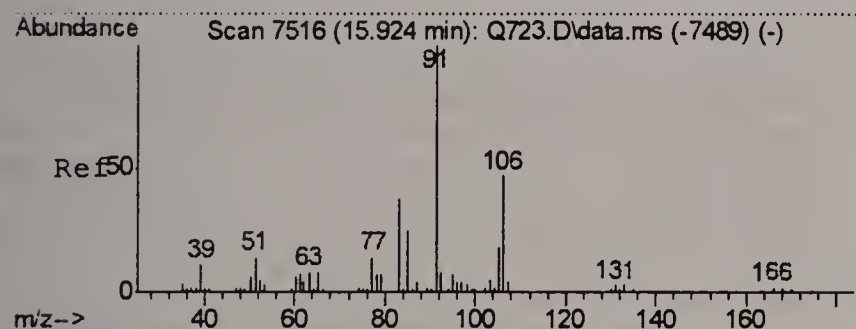
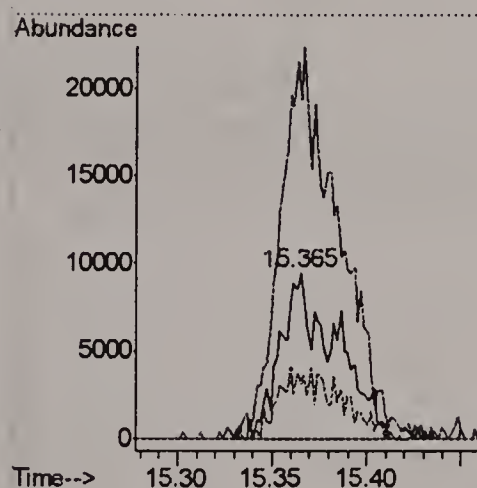
Tgt Ion	Ratio	Lower	Upper
91	100		
106	23.7	5.2	45.2
77	11.4	0.0	31.7





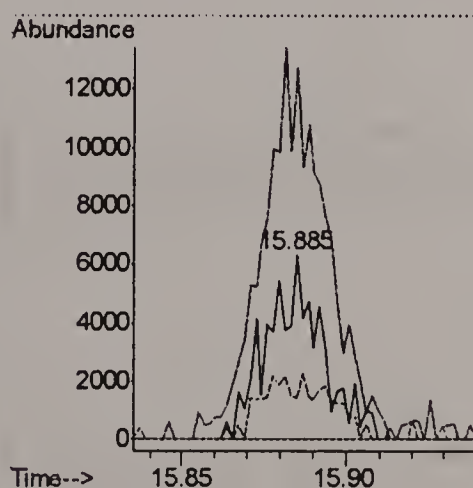
#56
m,p-XYLENE
Concen: 1.94 PPBV
RT: 15.365 min Scan# 7201
Delta R.T. -0.021 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

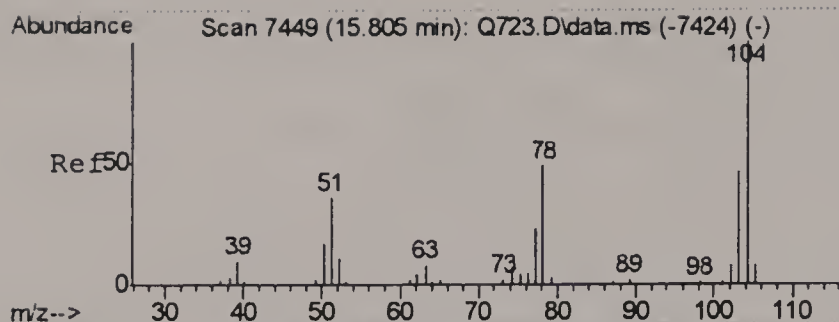
Tgt Ion:106 Resp: 19605
Ion Ratio Lower Upper
106 100
91 204.5 176.7 265.1
77 33.0 31.4 47.2



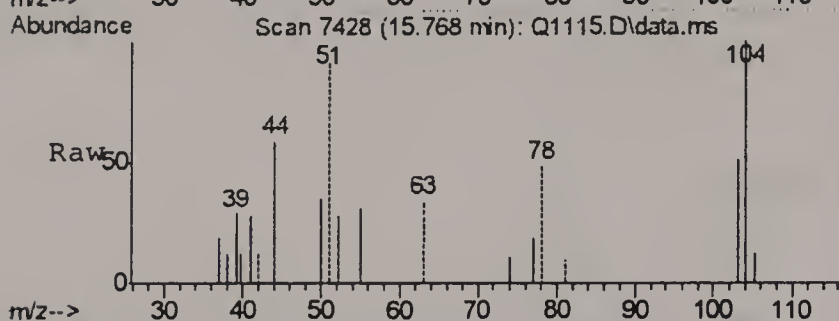
#57
o-XYLENE
Concen: 0.88 PPBV
RT: 15.885 min Scan# 7494
Delta R.T. -0.000 min
Lab File: Q1115.D
Acq: 19 Jul 2006 9:43 pm

Tgt Ion:106 Resp: 7201
Ion Ratio Lower Upper
106 100
91 246.7 236.1 276.1
77 44.7 22.0 62.0

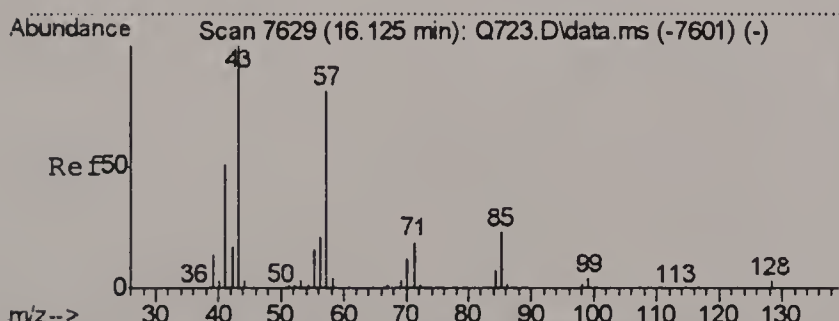
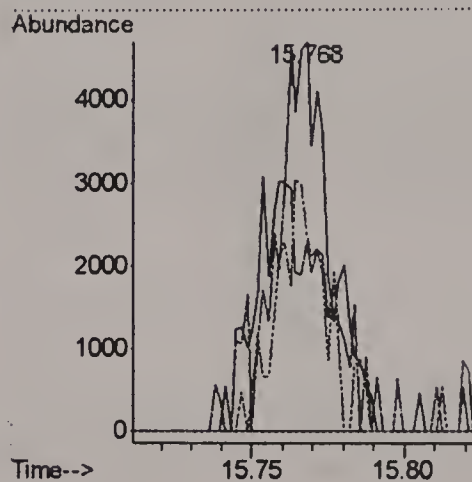
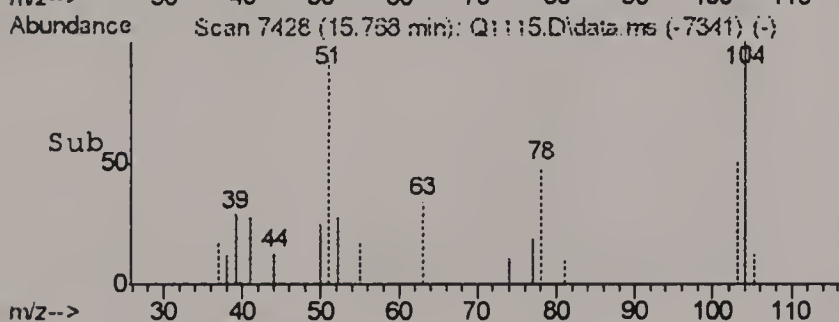




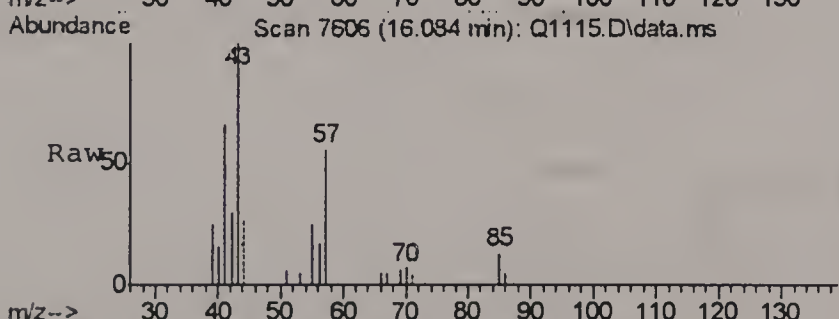
#58
 STYRENE
 Concen: 1.06 PPBV
 RT: 15.768 min Scan# 7428
 Delta R.T. -0.000 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm



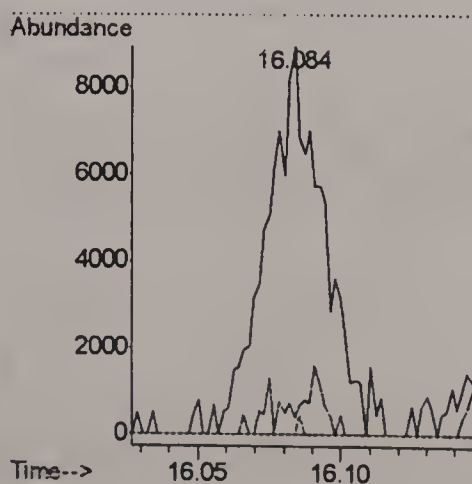
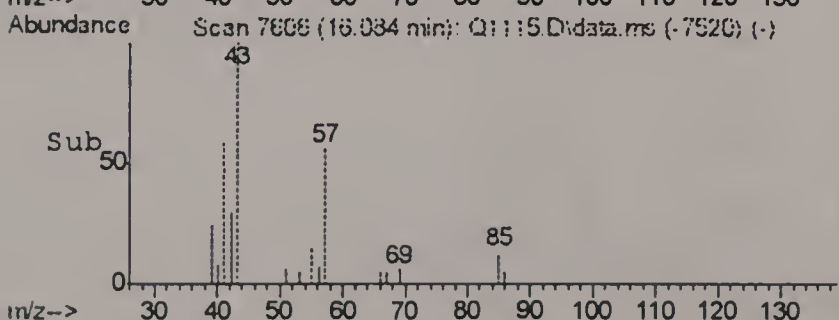
Tgt Ion: 104 Resp: 6448
 Ion Ratio Lower Upper
 104 100
 78 66.9 40.8 80.8
 103 52.5 28.5 68.5



#59
 NONANE
 Concen: 0.13 PPBV
 RT: 16.084 min Scan# 7606
 Delta R.T. -0.002 min
 Lab File: Q1115.D
 Acq: 19 Jul 2006 9:43 pm



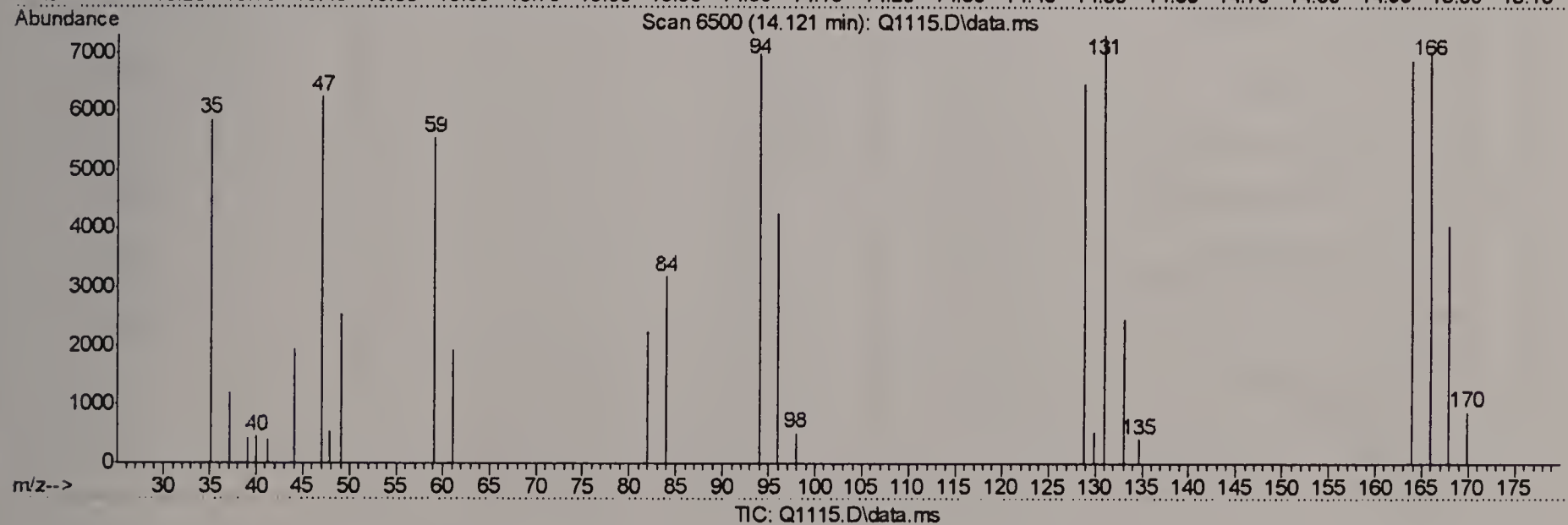
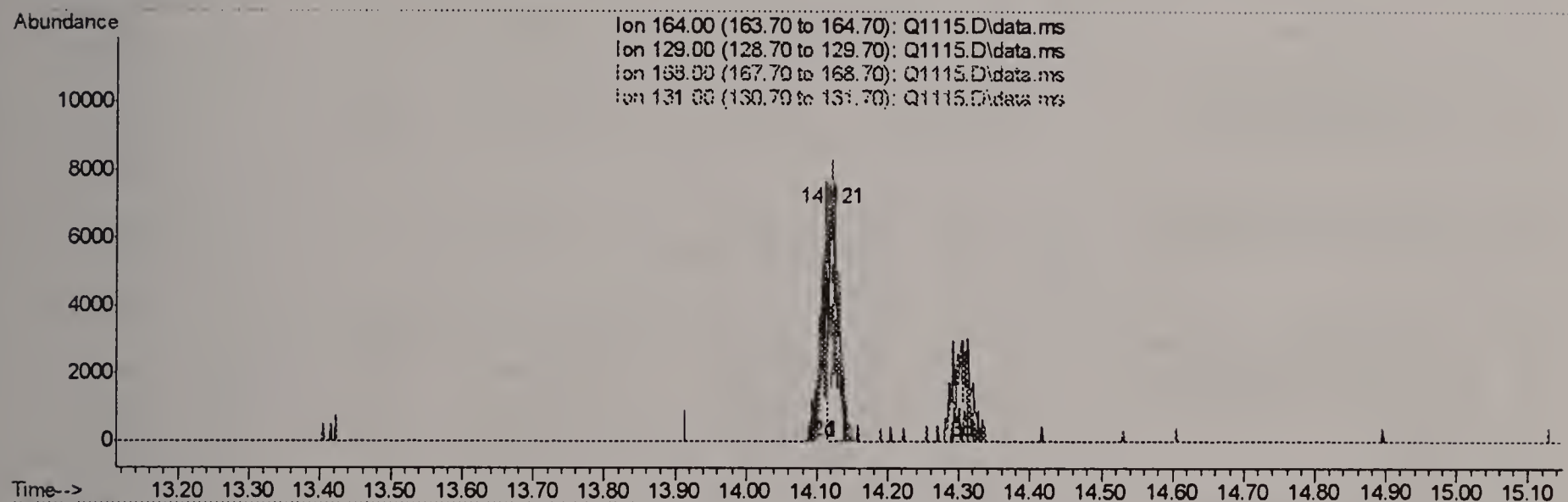
Tgt Ion: 43 Resp: 12429
 Ion Ratio Lower Upper
 43 100
 71 5.1 0.0 31.5
 128 0.4 0.0 21.2



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1115.D
 Acq On : 19 Jul 2006 9:43 pm
 Operator : DougY
 Sample : M57573-10 (M142)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 20 08:27:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



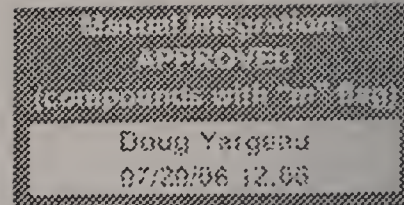
(51) TETRACHLOROETHYLENE (m)

14.121min (-0.002) 0.38PPBV

response 5669

Ion	Exp%	Act%
164.00	100	100
129.00	122.50	0.00#
168.00	59.40	98.31#
131.00	121.10	189.42#

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
Data File : Q1116.D
Acq On : 19 Jul 2006 10:28 pm
Operator : DougY
Sample : M57573-11 (M155)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 20 09:54:28 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.694	128	214588	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.524	114	841559	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.767	117	657437	10.00	PPBV	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.386	95	208429	4.21	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	84.20%

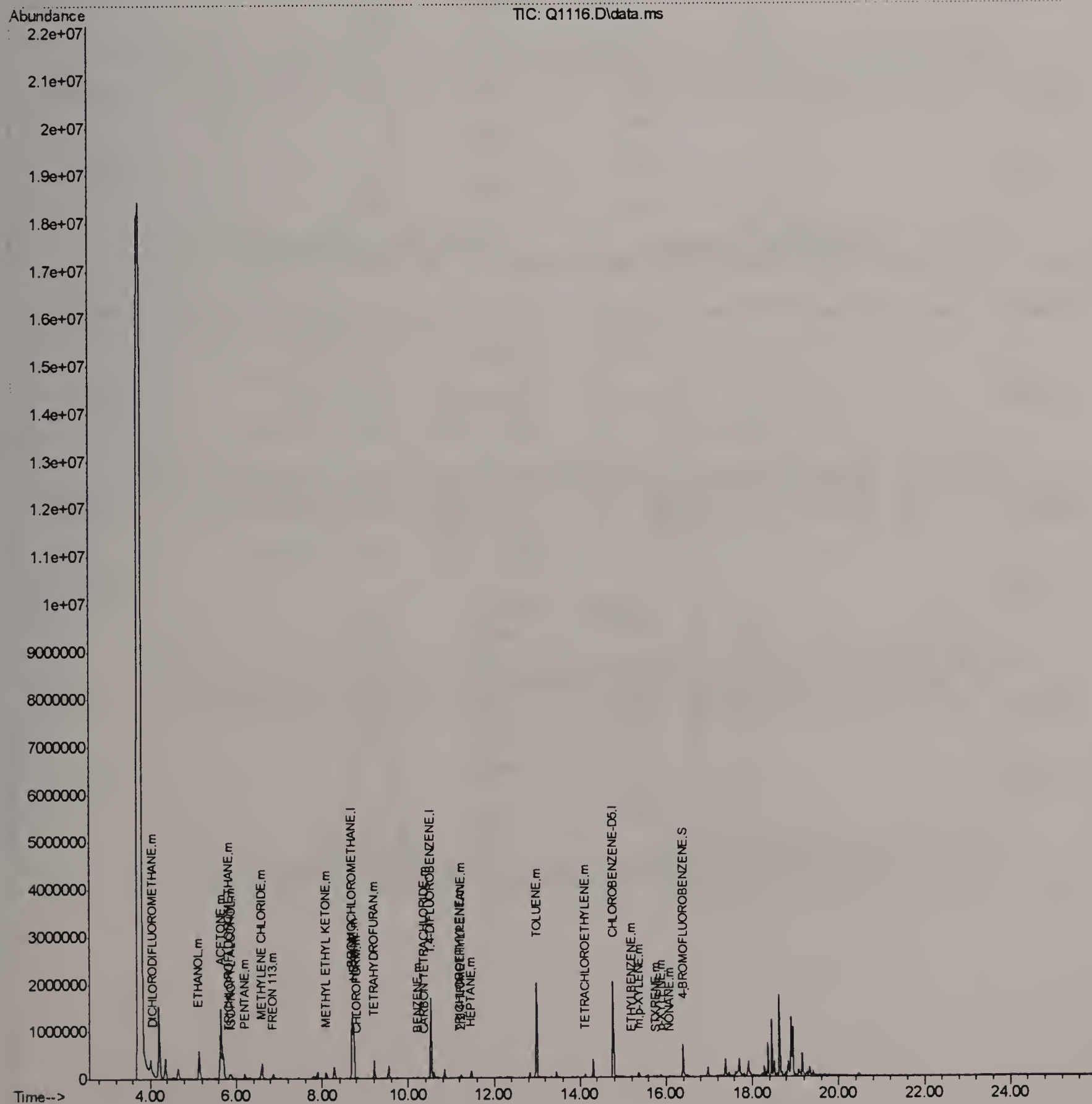
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.060	85	83045	0.69	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.845	101	64242	0.53	PPBV	97
11) ISOPROPYL ALCOHOL	5.872	45	139805	2.04	PPBV	96
12) ACETONE	5.636	43	2720771	31.91	PPBV	100
13) PENTANE	6.191	42	51621	0.97	PPBV	95
16) ETHANOL	5.134	45	841050	51.53	PPBV	96
18) METHYLENE CHLORIDE	6.594	84	93874	3.60	PPBV	96
20) FREON 113	6.855	151	26691	0.74	PPBV	98
24) TETRAHYDROFURAN	9.201	42	245456	7.02	PPBV	100
25) HEXANE	8.729	57	416323	7.58	PPBV	98
28) METHYL ETHYL KETONE	8.089	43	188806	2.45	PPBV	99
31) CHLOROFORM	8.807	83	13430	0.18	PPBV	87
33) CARBON TETRACHLORIDE	10.353	117	7036	0.11	PPBV #	71
36) BENZENE	10.209	78	24191	0.45	PPBV	98
38) TRICHLOROETHYLENE	11.207	95	8382	0.30	PPBV #	80
41) 2,2,4-TRIMETHYLPENTANE	11.232	57	34610	0.20	PPBV	82
43) HEPTANE	11.470	43	54145	0.75	PPBV	97
46) TOLUENE	12.983	92	553740	14.93	PPBV	100
51) TETRACHLOROETHYLENE	14.117	164	8075	0.56	PPBV #	76
55) ETHYLBENZENE	15.186	91	18731	0.87	PPBV	95
56) m,p-XYLENE	15.362	106	20400m	2.02	PPBV	
57) o-XYLENE	15.883	106	6832m	0.87	PPBV	
58) STYRENE	15.757	104	2121	0.89	PPBV #	45
59) NONANE	16.080	43	13708	0.15	PPBV #	93

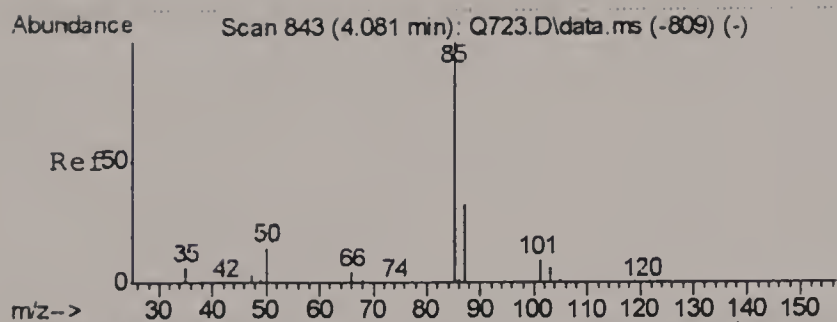
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1116.D
 Acq On : 19 Jul 2006 10:28 pm
 Operator : DougY
 Sample : M57573-11 (M155)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

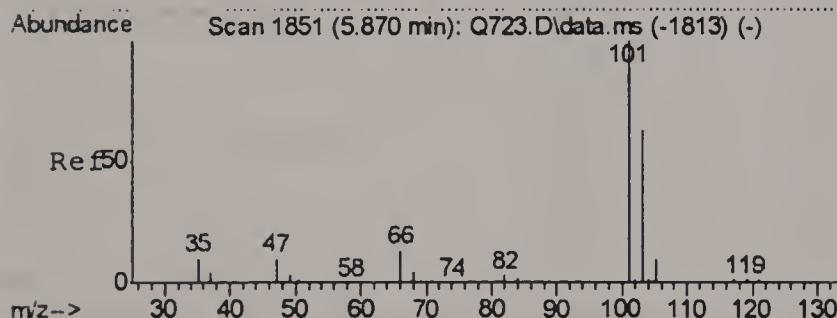
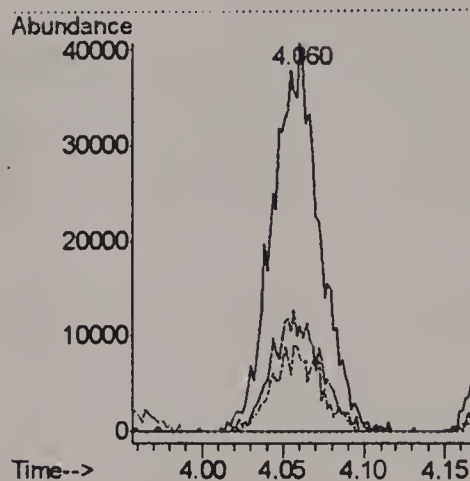
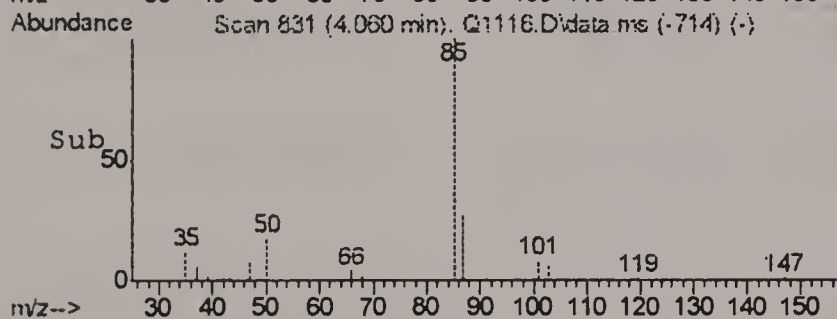
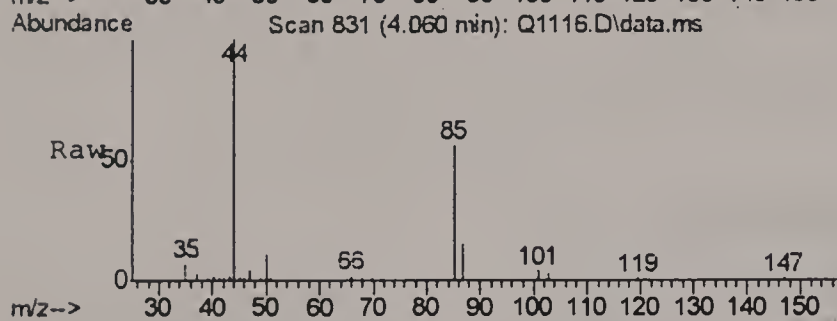
Quant Time: Jul 20 09:54:28 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





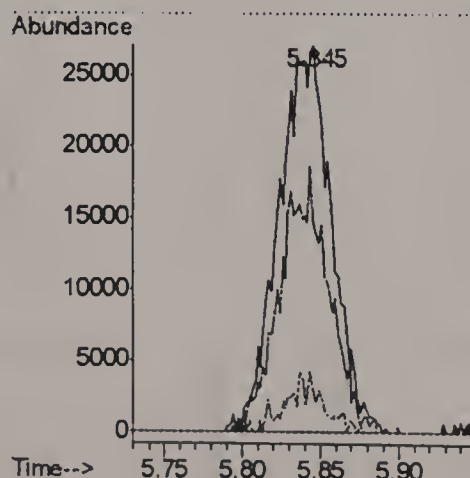
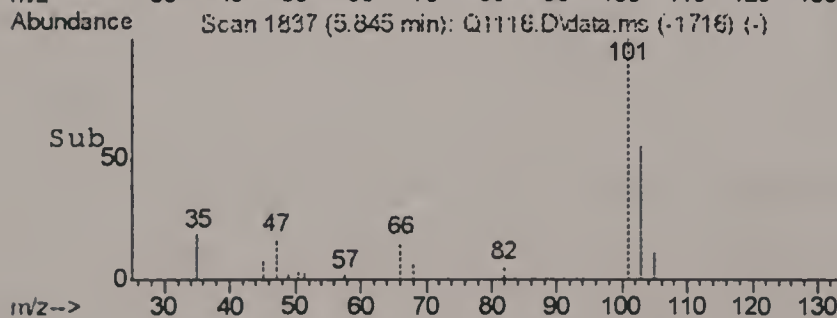
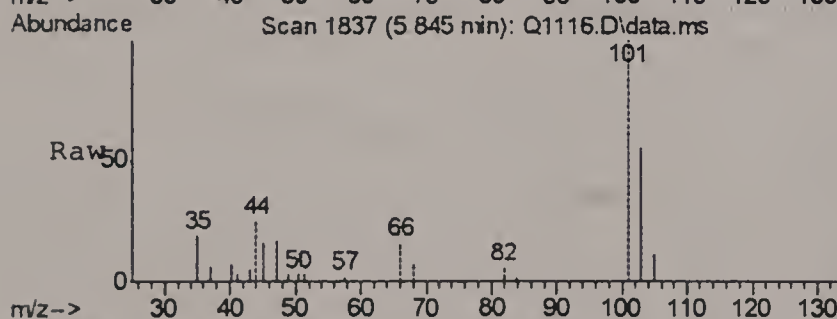
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.69 PPBV
 RT: 4.060 min Scan# 831
 Delta R.T. 0.002 min
 Lab File: Q1116.D
 Acq: 19 Jul 2006 10:28 pm

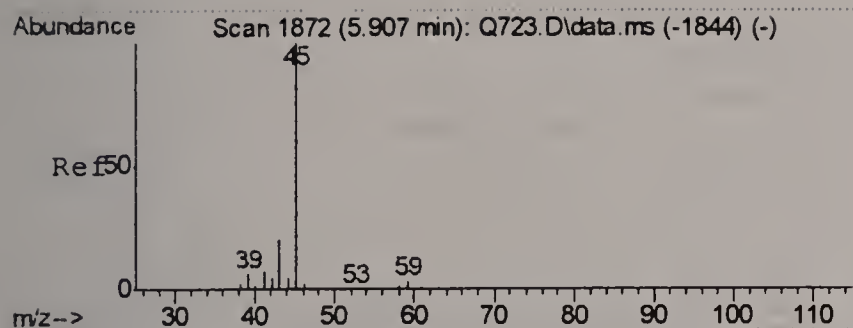
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	12.1	52.1
50	21.8	1.6	41.6



#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.53 PPBV
 RT: 5.845 min Scan# 1837
 Delta R.T. 0.009 min
 Lab File: Q1116.D
 Acq: 19 Jul 2006 10:28 pm

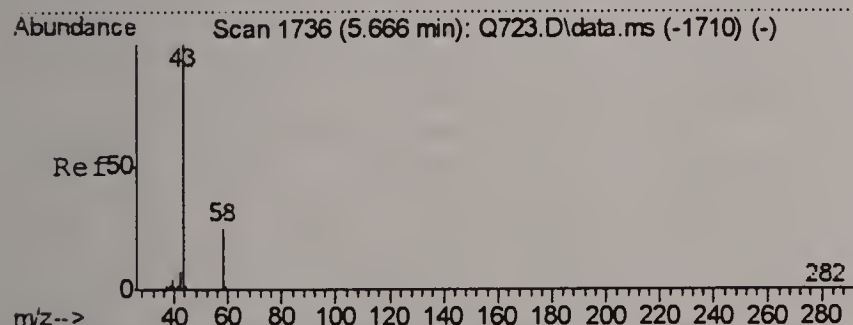
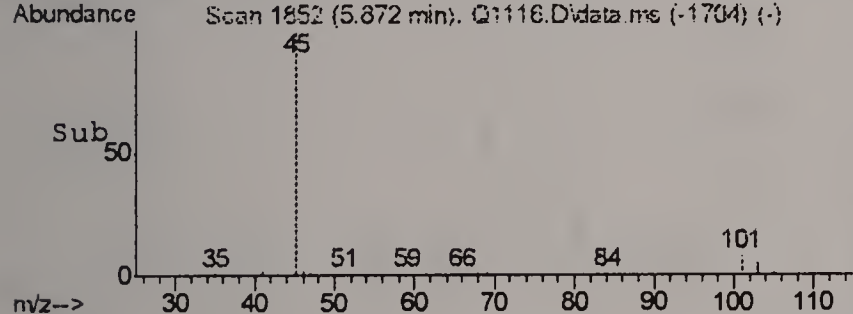
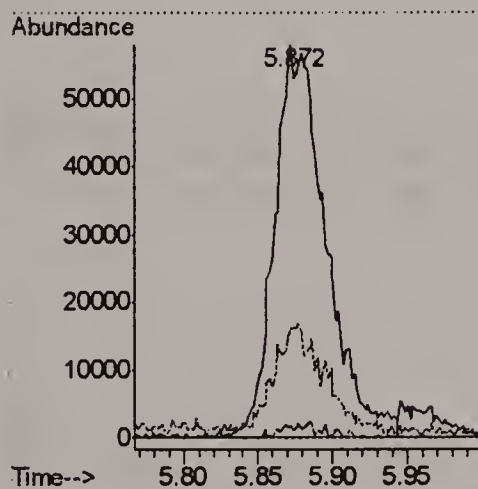
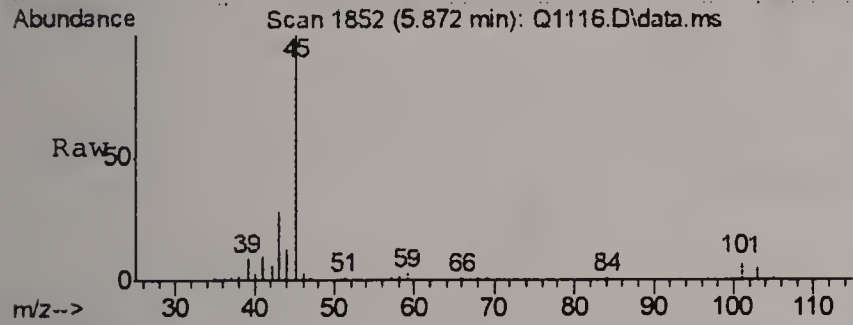
Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.3	44.2	84.2
105	8.9	0.0	30.2





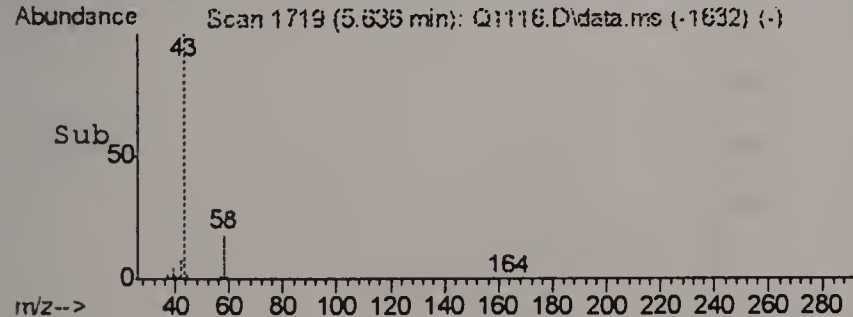
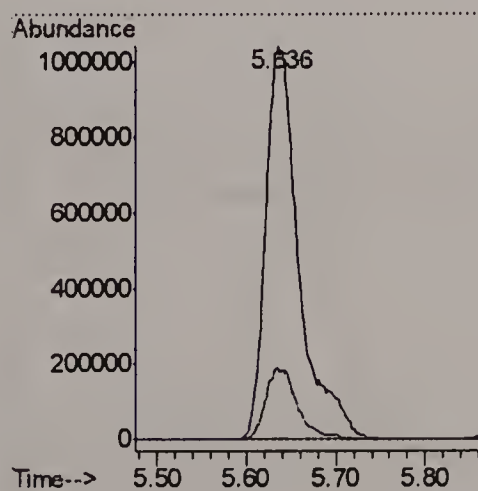
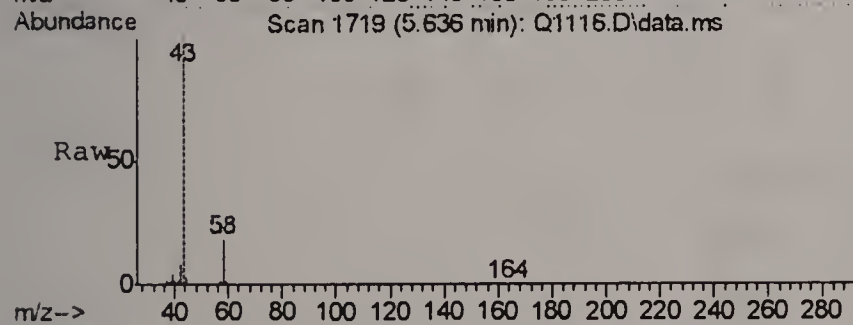
#11
ISOPROPYL ALCOHOL
Concen: 2.04 PPBV
RT: 5.872 min Scan# 1852
Delta R.T. 0.005 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

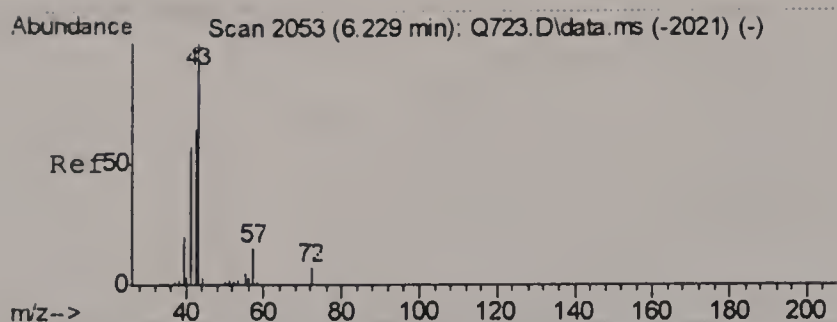
Tgt Ion	Ratio	Lower	Upper
45	100		
59	3.1	0.0	22.9
43	27.8	5.7	45.7



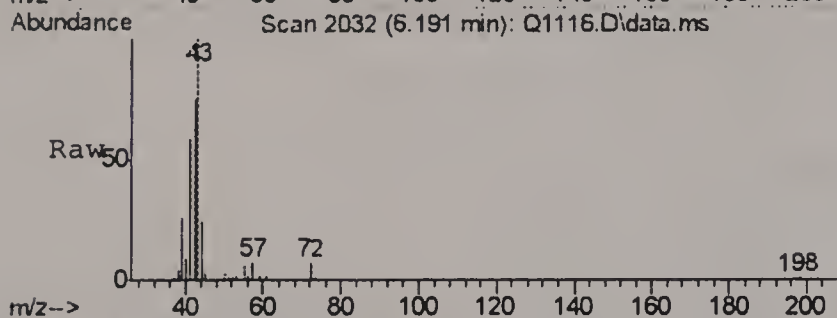
#12
ACETONE
Concen: 31.91 PPBV
RT: 5.636 min Scan# 1719
Delta R.T. -0.000 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	17.5	0.0	37.4

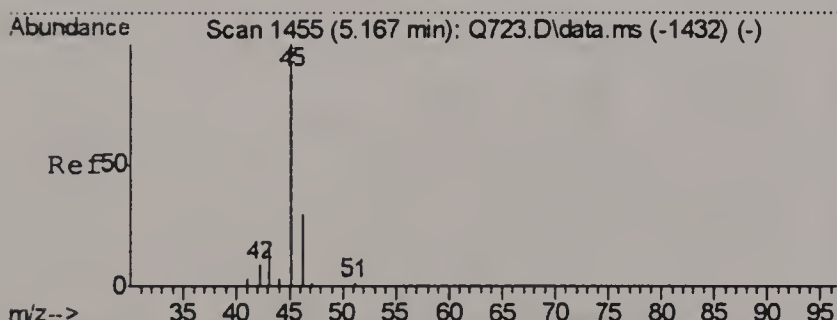
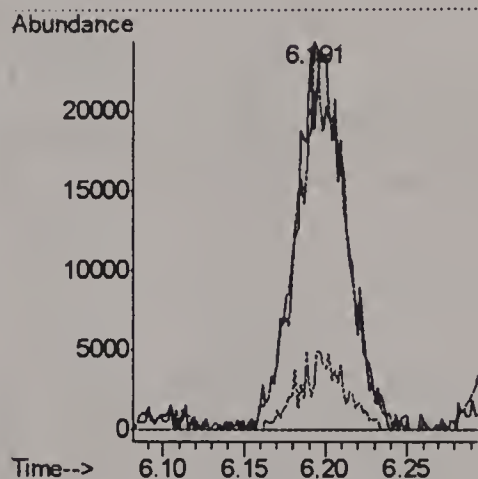
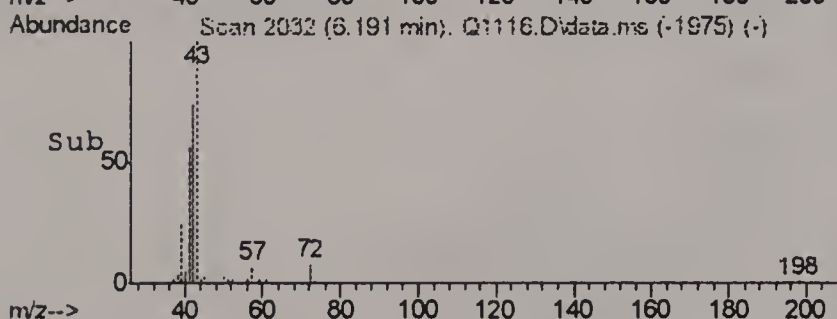




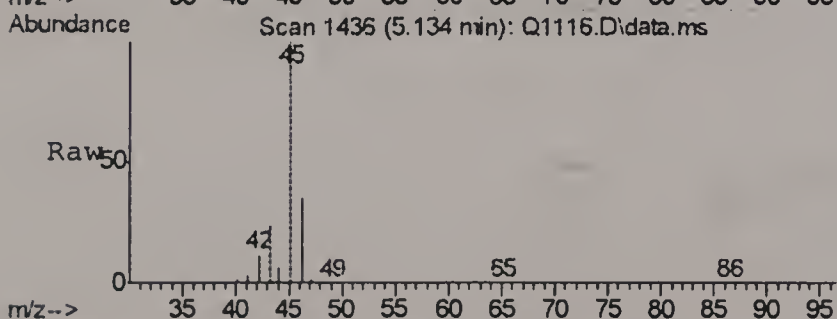
#13
PENTANE
Concen: 0.97 PPBV
RT: 6.191 min Scan# 2032
Delta R.T. -0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm



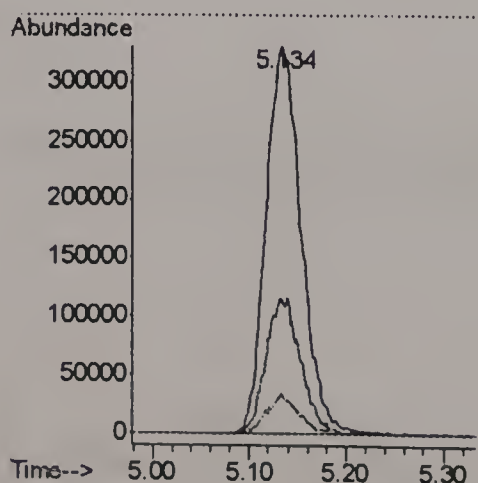
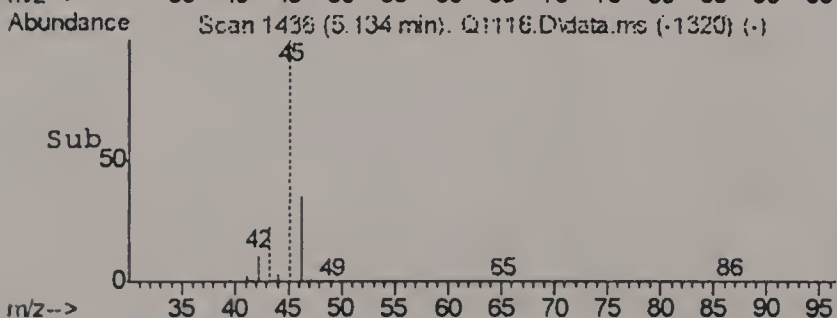
Tgt Ion: 42 Resp: 51621
Ion Ratio Lower Upper
42 100
41 96.9 80.1 120.1
57 11.9 0.0 37.8

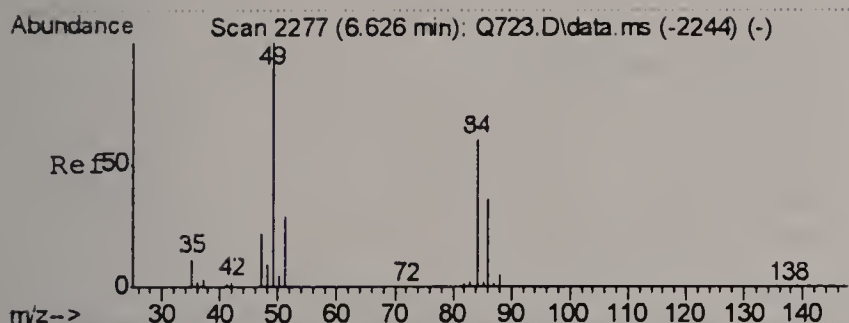


#16
ETHANOL
Concen: 51.53 PPBV
RT: 5.134 min Scan# 1436
Delta R.T. -0.000 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm



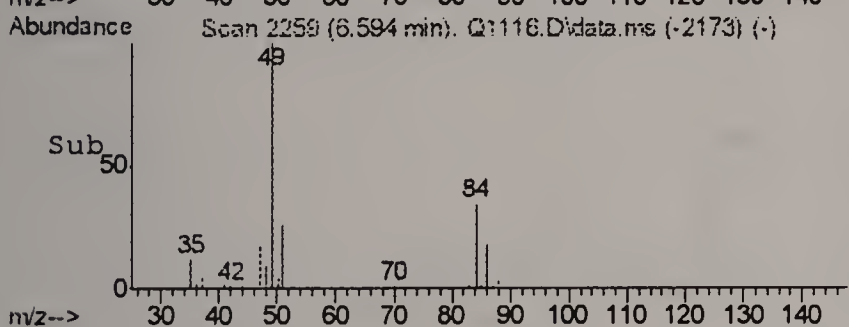
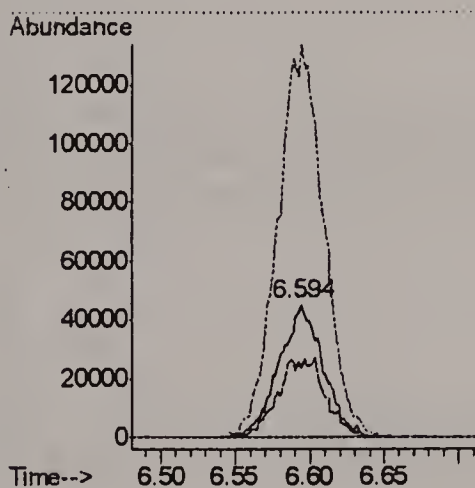
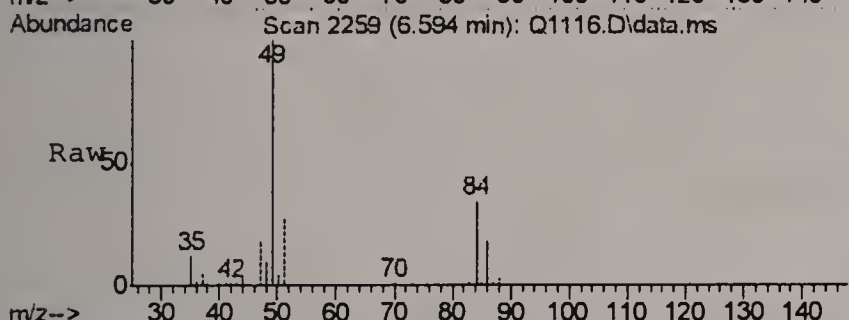
Tgt Ion: 45 Resp: 841050
Ion Ratio Lower Upper
45 100
46 34.8 13.2 53.2
42 9.6 0.0 26.3





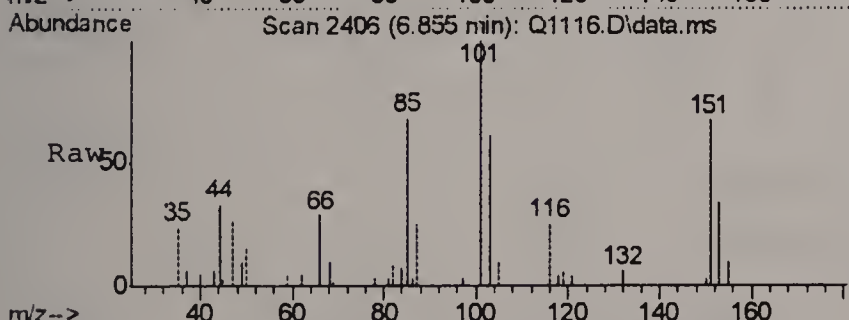
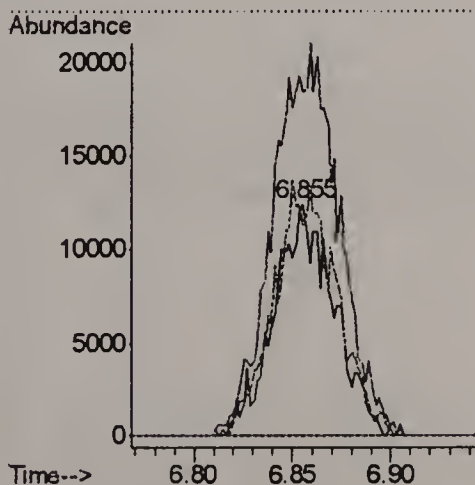
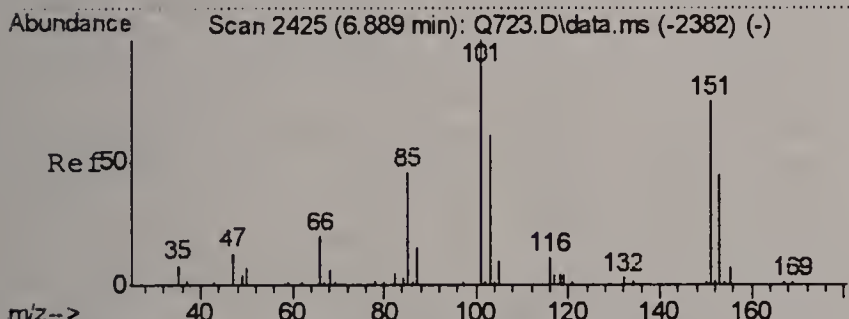
#18
METHYLENE CHLORIDE
Concen: 3.60 PPBV
RT: 6.594 min Scan# 2259
Delta R.T. 0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

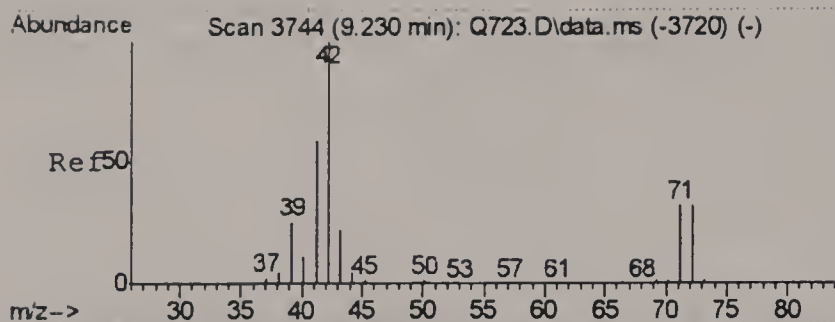
Tgt Ion	Ratio	Lower	Upper
84	100		
86	64.0	44.2	84.2
49	308.8	119.3	519.3



#20
FREON 113
Concen: 0.74 PPBV
RT: 6.855 min Scan# 2406
Delta R.T. -0.000 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

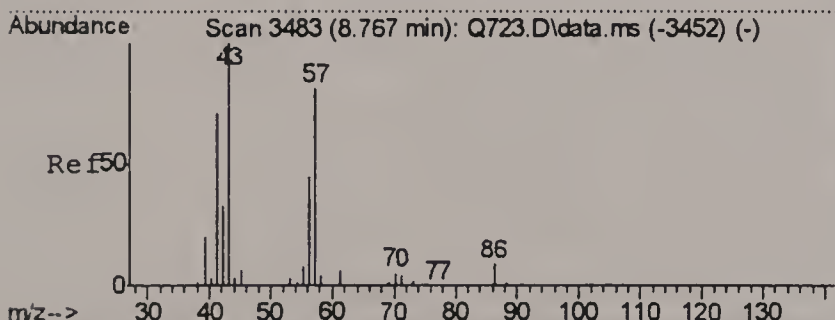
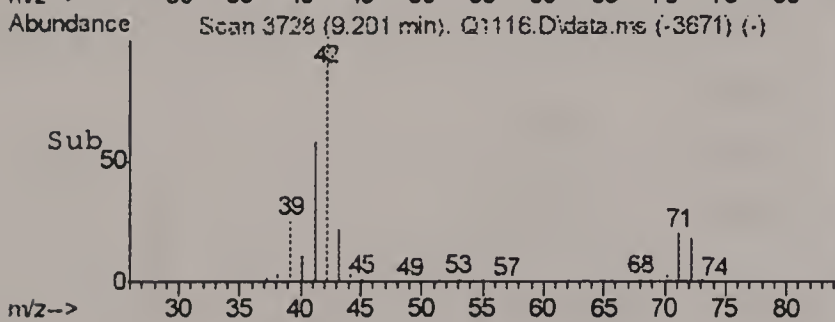
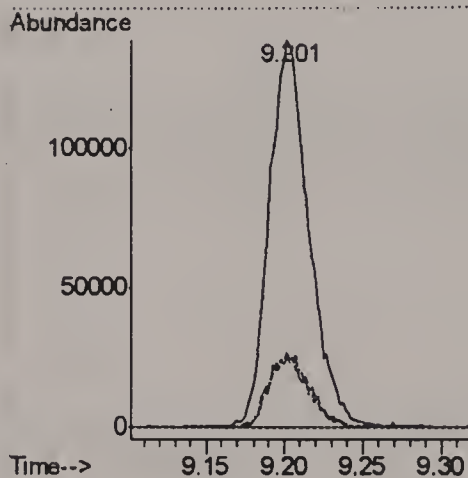
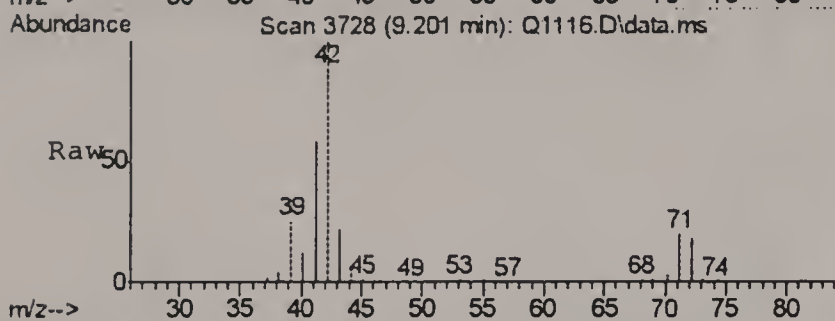
Tgt Ion	Ratio	Lower	Upper
151	100		
101	185.6	165.1	205.1
103	113.6	98.2	138.2





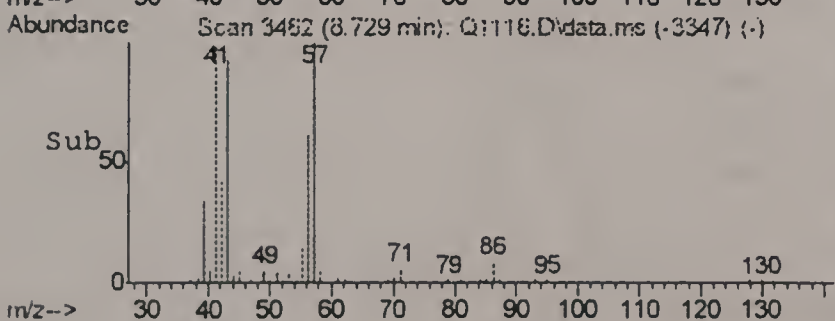
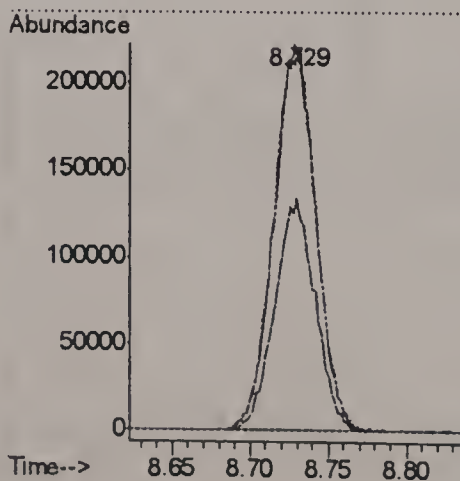
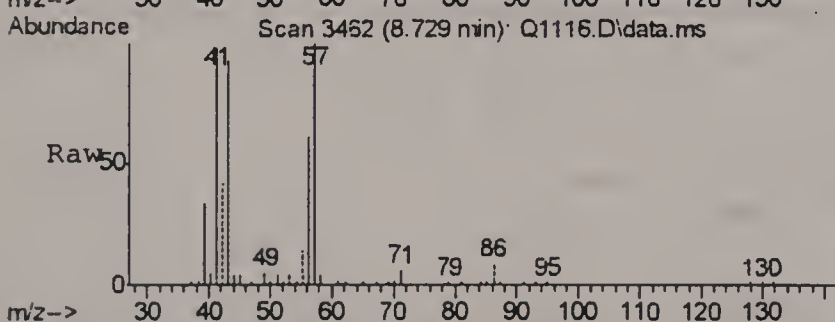
#24
TETRAHYDROFURAN
Concen: 7.02 PPBV
RT: 9.201 min Scan# 3728
Delta R.T. -0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

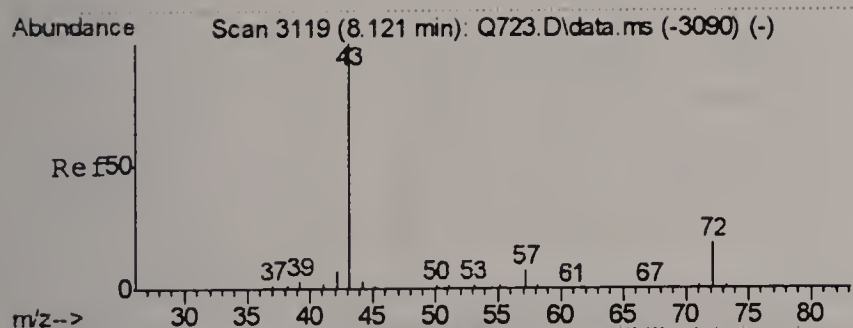
Tgt Ion	Ratio	Lower	Upper
42	100		
72	19.1	0.0	39.2
71	19.2	0.0	38.8



#25
HEXANE
Concen: 7.58 PPBV
RT: 8.729 min Scan# 3462
Delta R.T. -0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

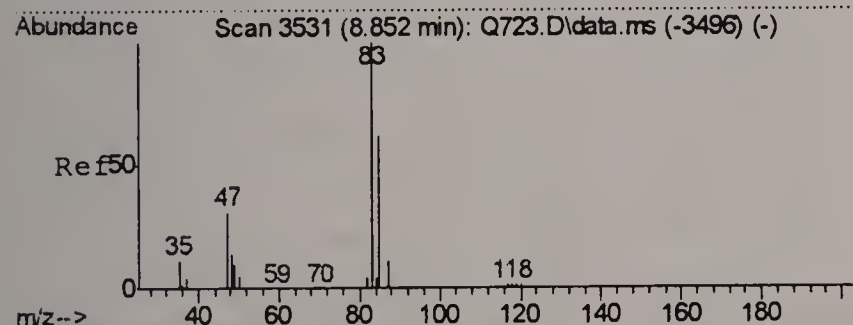
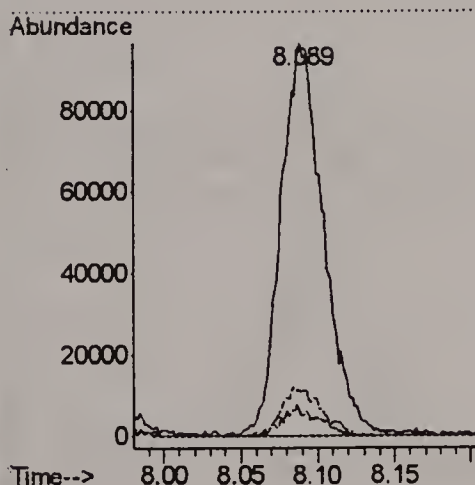
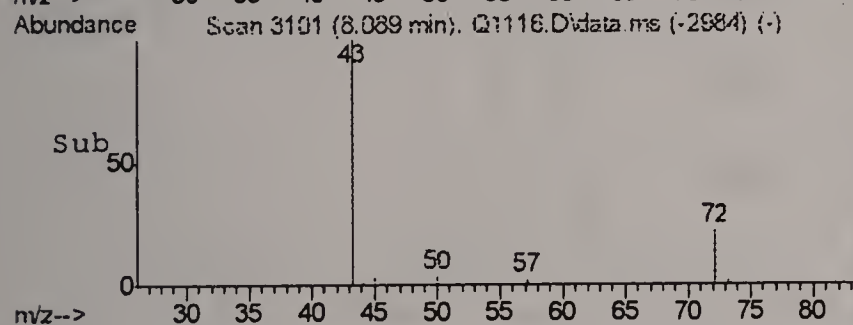
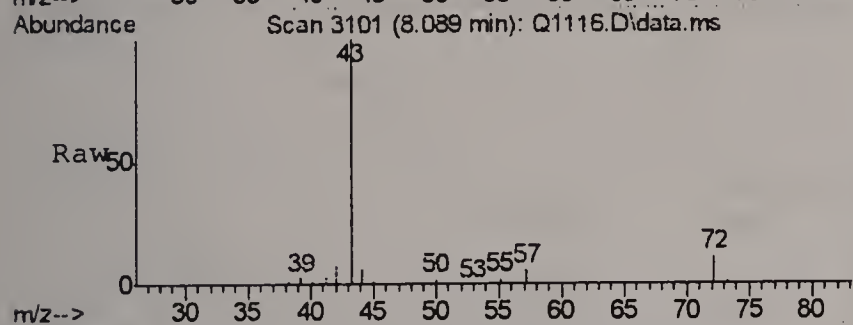
Tgt Ion	Ratio	Lower	Upper
57	100		
56	58.4	38.6	78.6
41	101.6	84.1	124.1





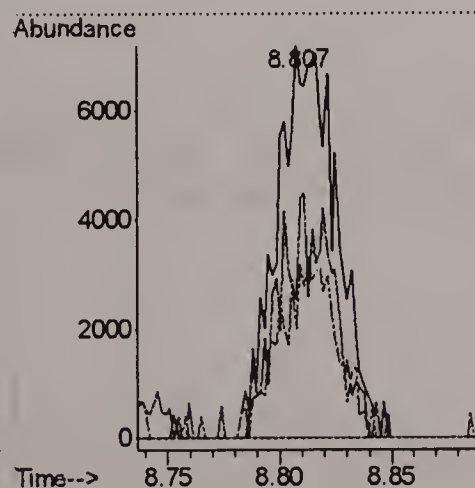
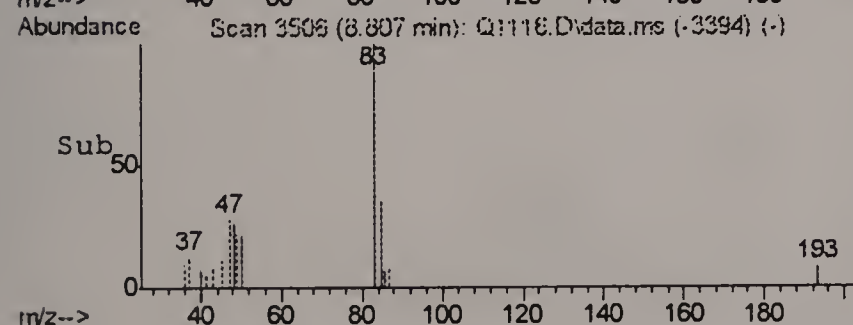
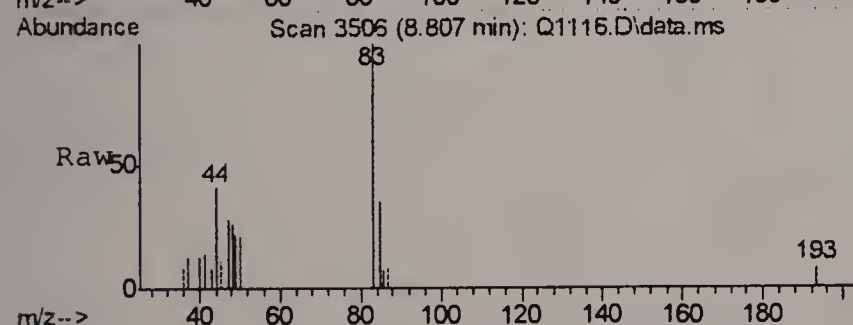
#28
METHYL ETHYL KETONE
Concen: 2.45 PPBV
RT: 8.089 min Scan# 3101
Delta R.T. 0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

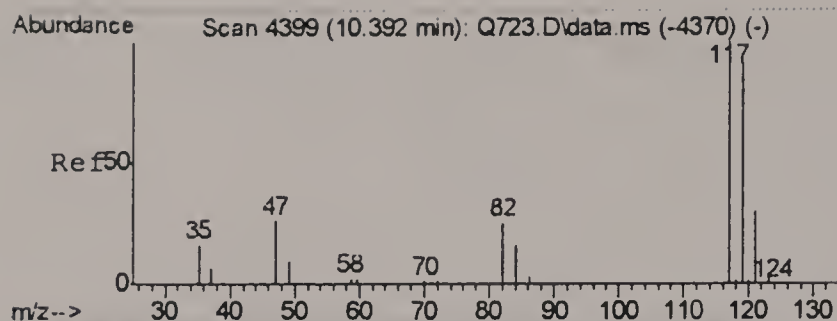
Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.6	0.0	26.0
72	11.3	0.0	31.5



#31
CHLOROFORM
Concen: 0.18 PPBV
RT: 8.807 min Scan# 3506
Delta R.T. -0.007 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

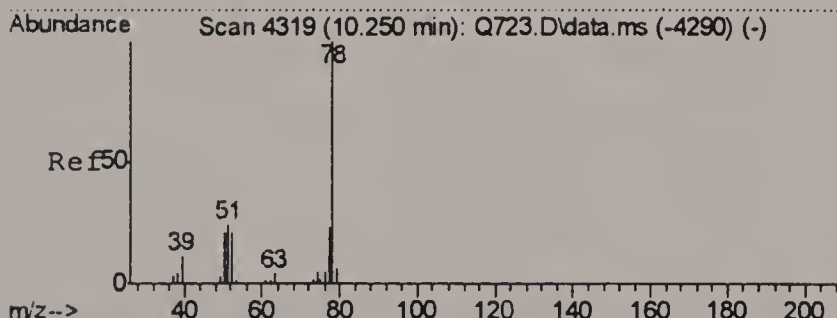
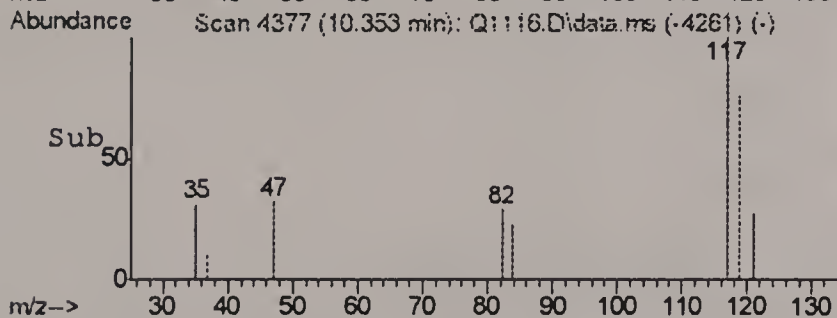
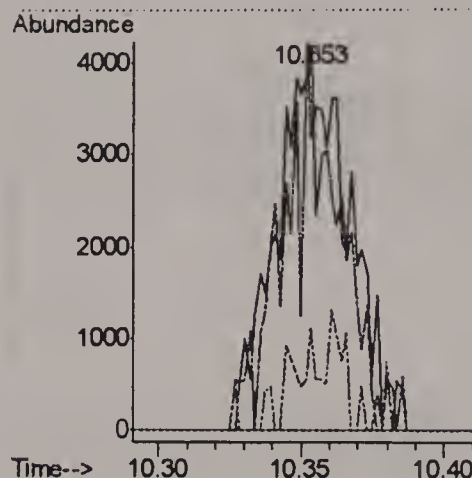
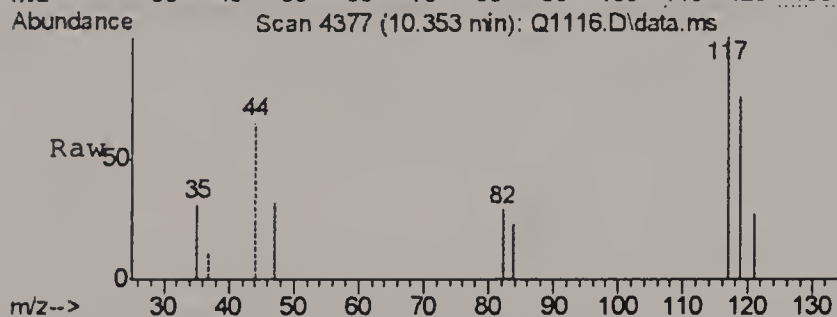
Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.8	45.2	85.2
47	32.0	23.0	63.0





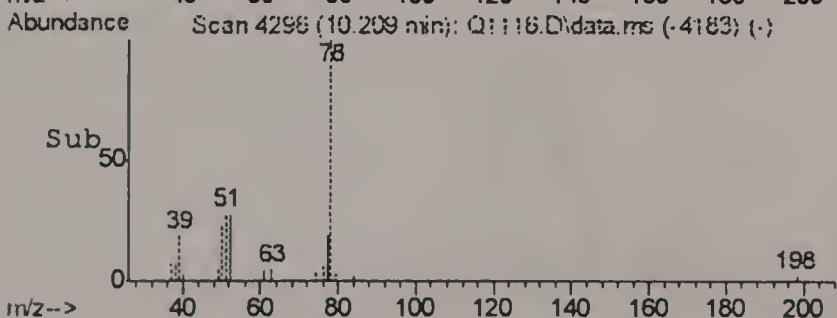
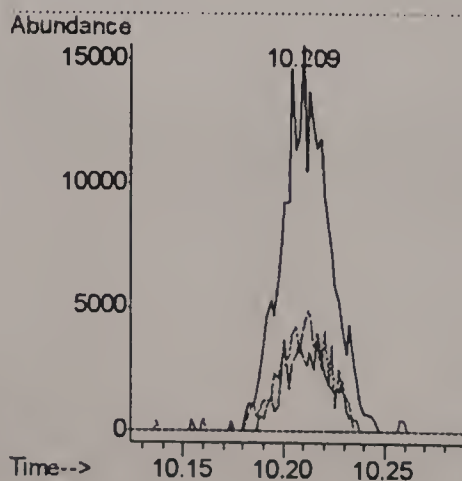
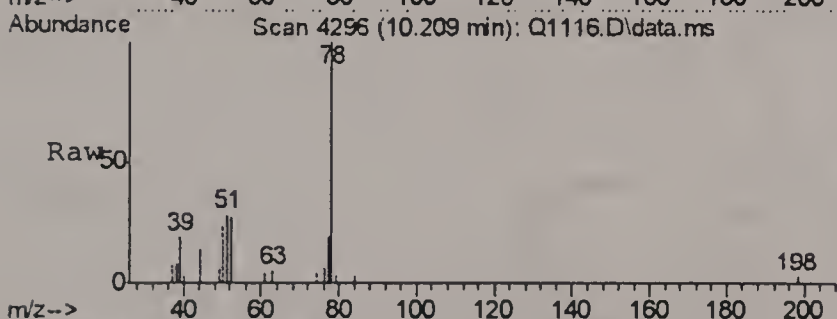
#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.353 min Scan# 4377
Delta R.T. -0.000 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

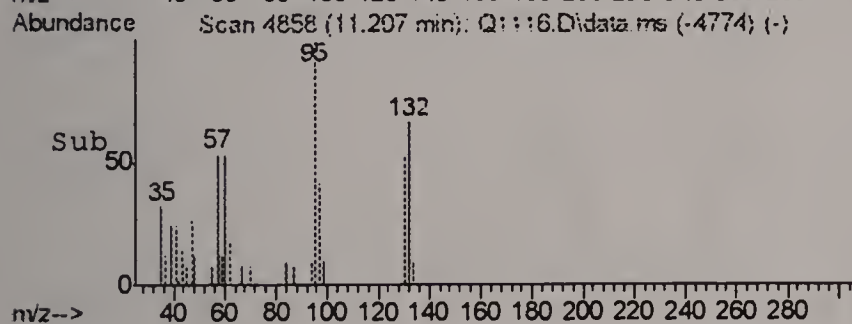
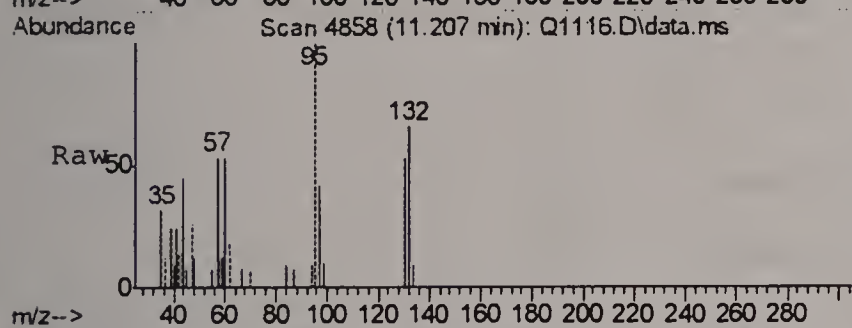
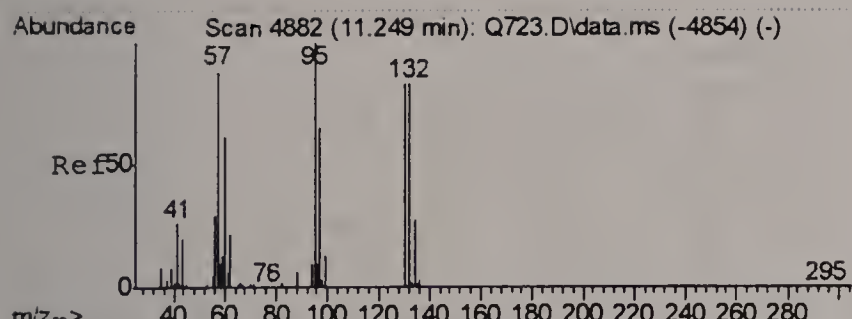
Tgt Ion: 117 Resp: 7036
Ion Ratio Lower Upper
117 100
119 64.6 74.9 114.9#
121 18.4 9.3 49.3



#36
BENZENE
Concen: 0.45 PPBV
RT: 10.209 min Scan# 4296
Delta R.T. -0.005 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

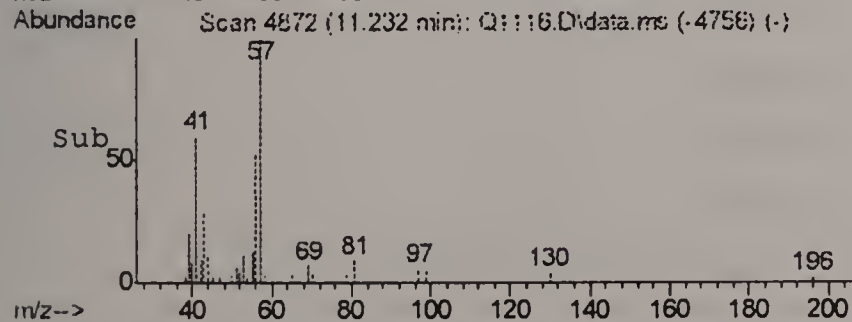
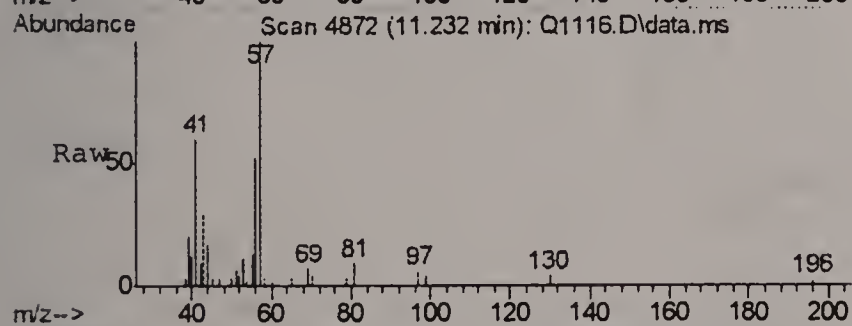
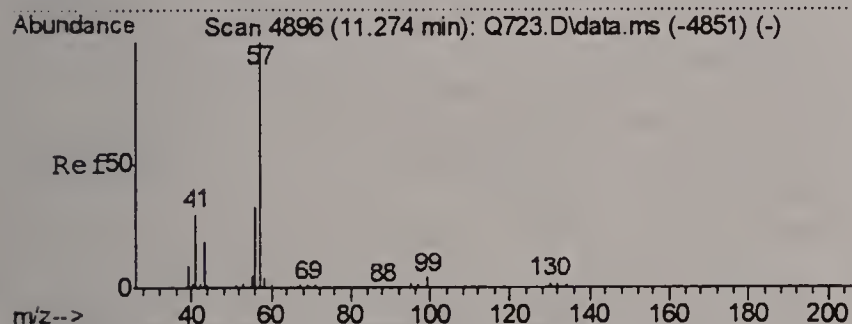
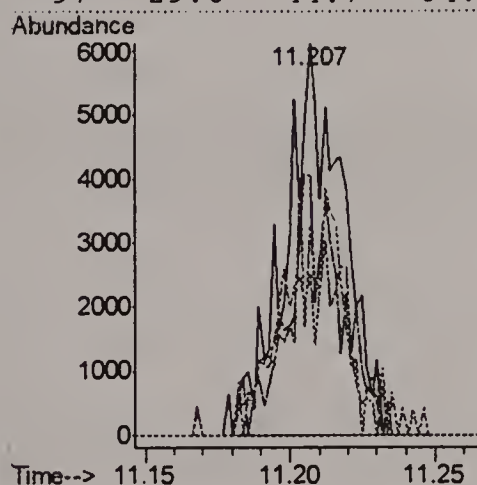
Tgt Ion: 78 Resp: 24191
Ion Ratio Lower Upper
78 100
77 24.3 4.3 44.3
52 32.2 10.0 50.0





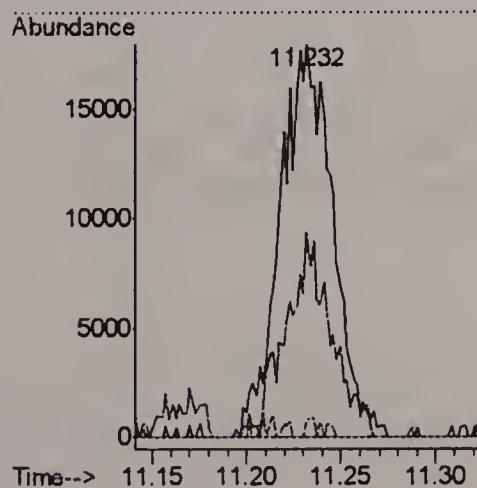
#38
TRICHLOROETHYLENE
Concen: 0.30 PPBV
RT: 11.207 min Scan# 4858
Delta R.T. -0.005 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

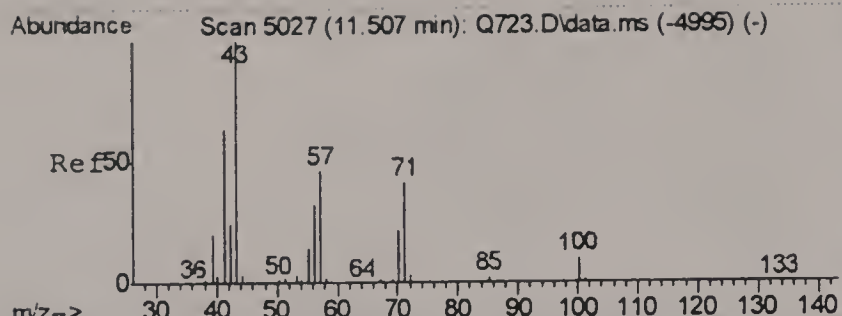
Tgt Ion:	95	Resp:	8382
Ion	Ratio	Lower	Upper
95	100		
132	61.0	44.9	84.9
130	56.7	46.3	86.3
97	29.6	44.7	84.7#



#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.20 PPBV
RT: 11.232 min Scan# 4872
Delta R.T. -0.000 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

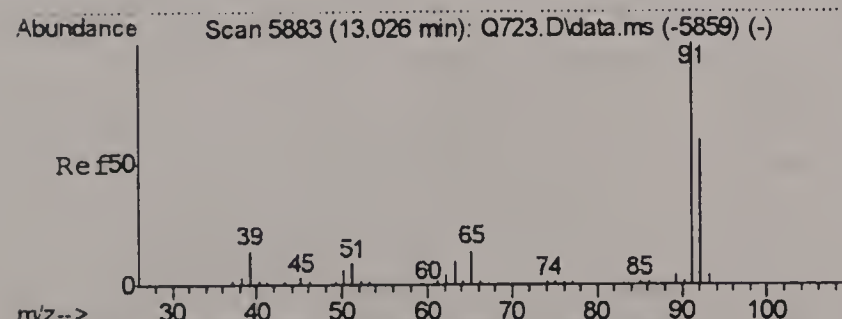
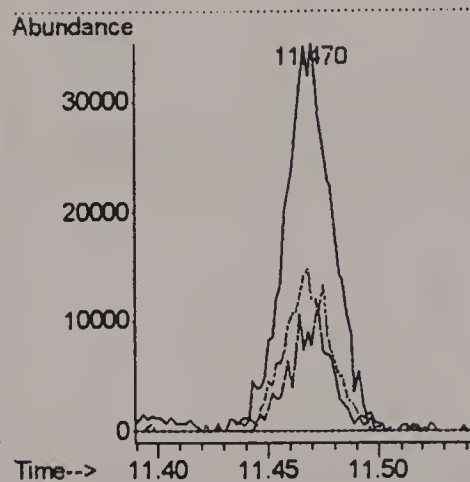
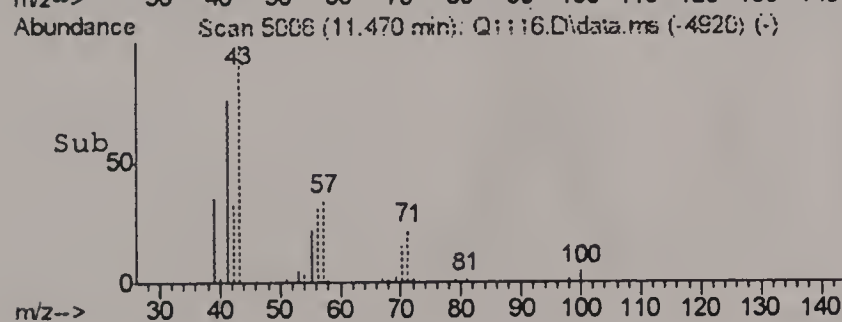
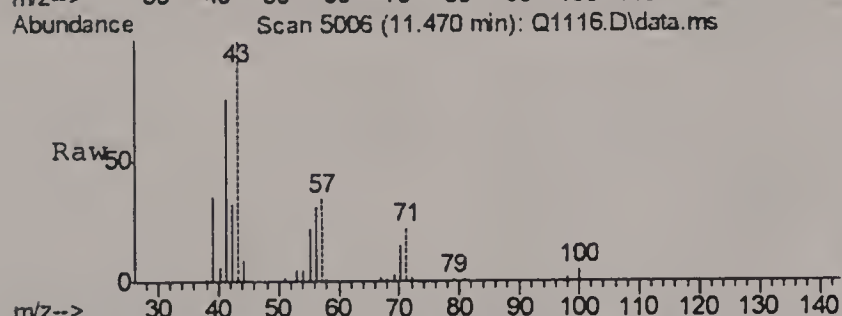
Tgt Ion:	57	Resp:	34610
Ion	Ratio	Lower	Upper
57	100		
56	45.1	14.1	54.1
99	1.0	0.0	23.8





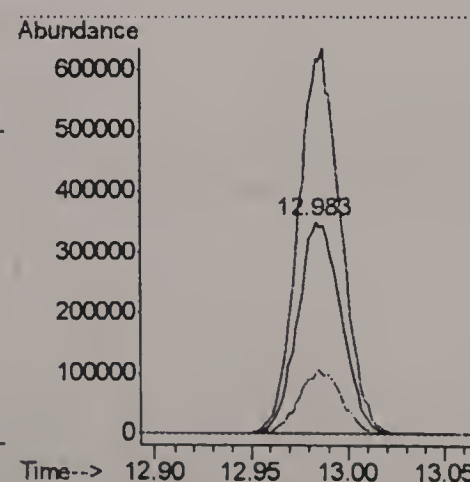
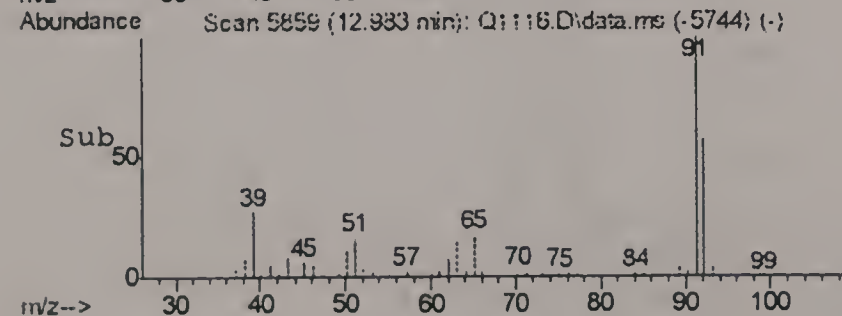
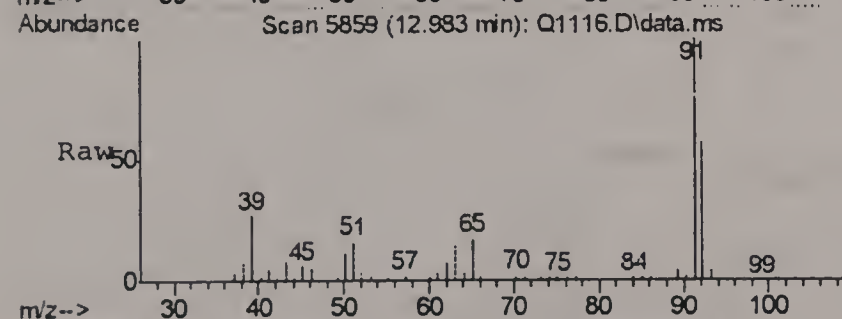
#43
HEPTANE
Concen: 0.75 PPBV
RT: 11.470 min Scan# 5006
Delta R.T. -0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

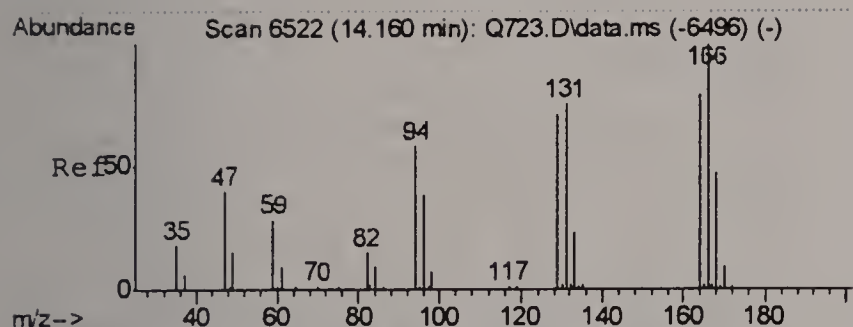
Tgt Ion	Ratio	Lower	Upper
43	100		
71	26.4	5.6	45.6
57	40.5	18.2	58.2



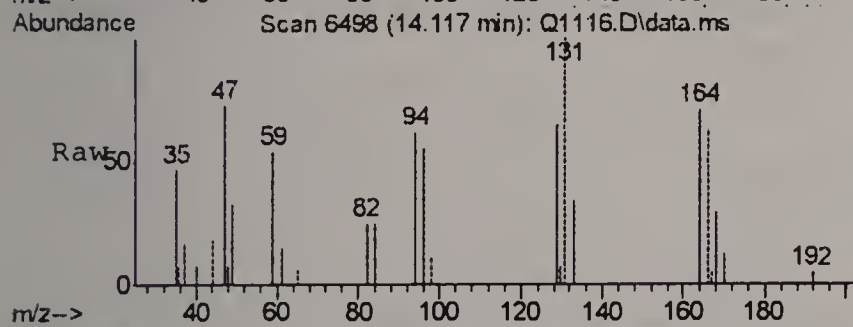
#46
TOLUENE
Concen: 14.93 PPBV
RT: 12.983 min Scan# 5859
Delta R.T. -0.003 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.5	156.4	196.4
65	29.9	10.3	50.3

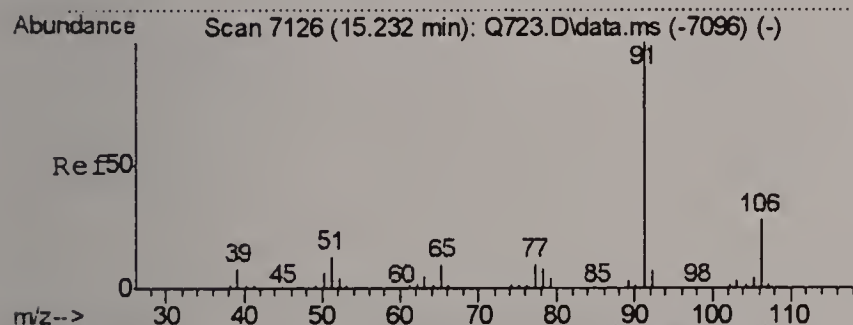
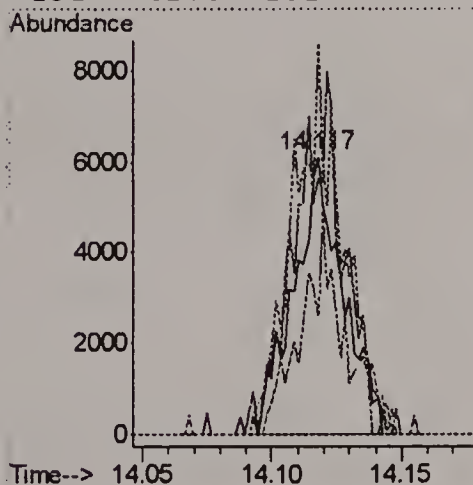
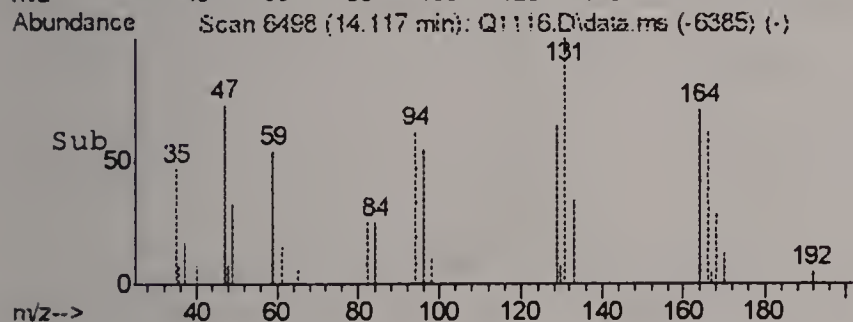




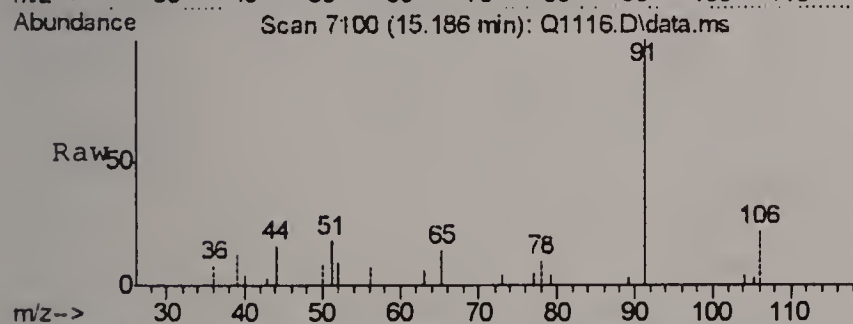
#51
TETRACHLOROETHYLENE
Concen: 0.56 PPBV
RT: 14.117 min Scan# 6498
Delta R.T. -0.005 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm



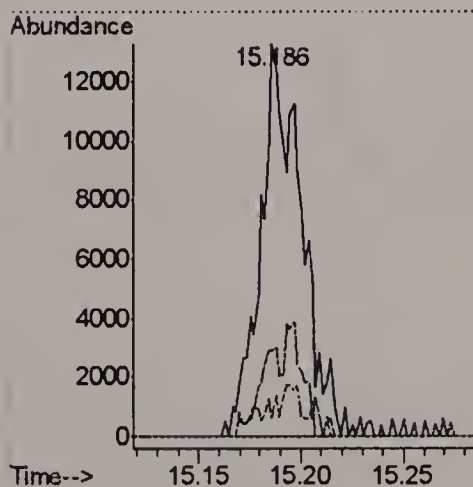
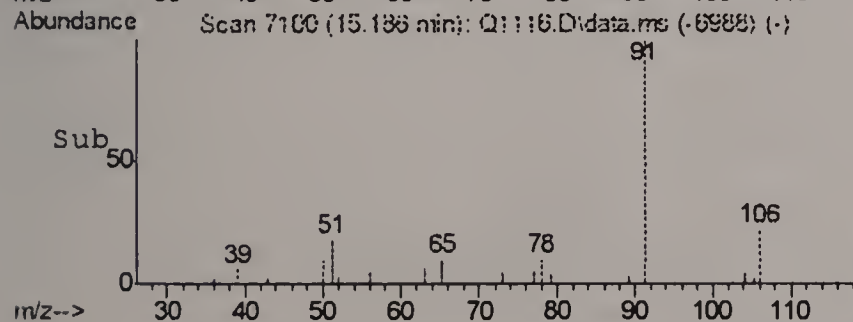
Tgt Ion: 164 Resp: 8075
Ion Ratio Lower Upper
164 100
129 127.2 102.5 142.5
168 64.5 39.4 79.4
131 62.0 101.1 141.1#

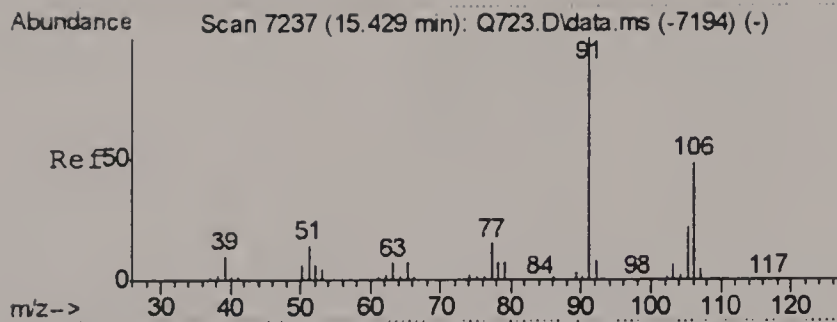


#55
ETHYLBENZENE
Concen: 0.87 PPBV
RT: 15.186 min Scan# 7100
Delta R.T. -0.008 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm

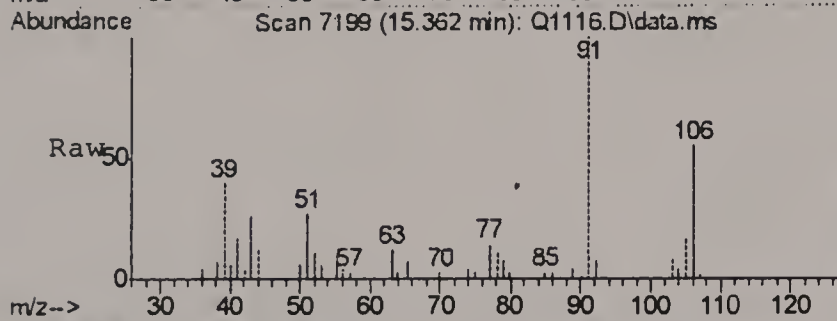


Tgt Ion: 91 Resp: 18731
Ion Ratio Lower Upper
91 100
106 26.2 5.2 45.2
77 7.6 0.0 31.7

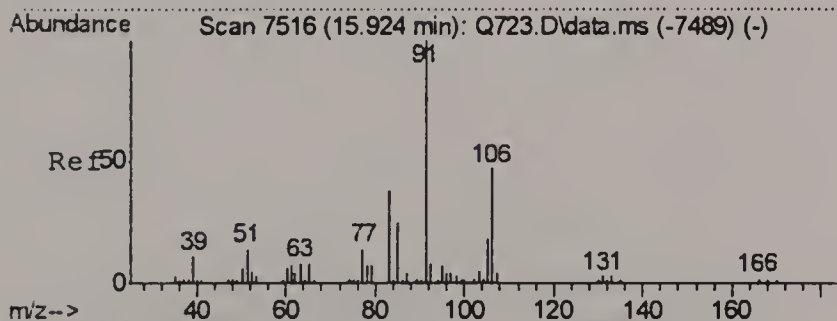
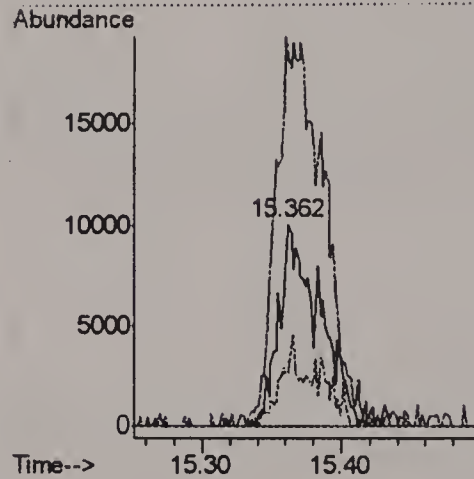
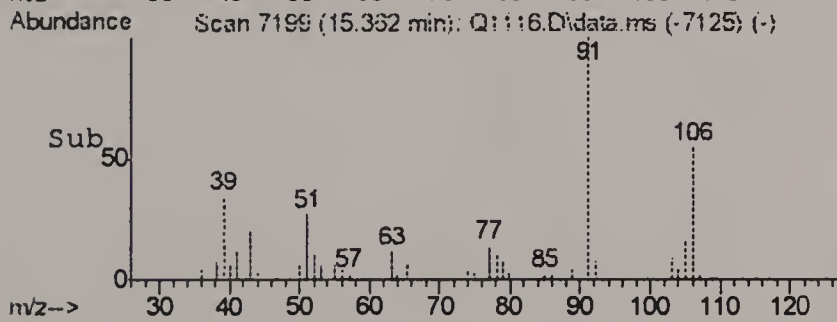




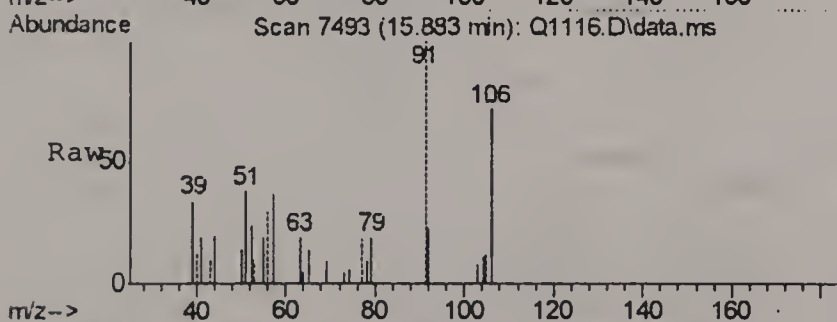
#56
m,p-XYLENE
Concen: 2.02 PPBV m
RT: 15.362 min Scan# 7199
Delta R.T. -0.024 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm



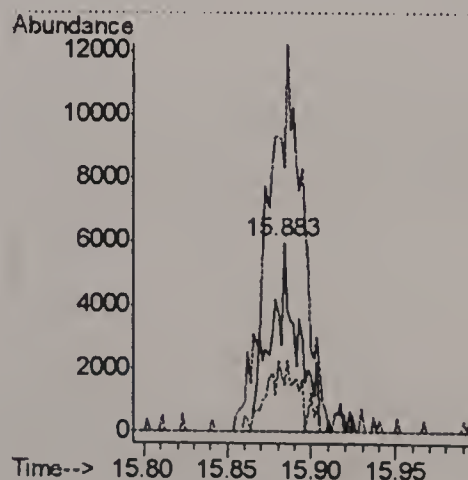
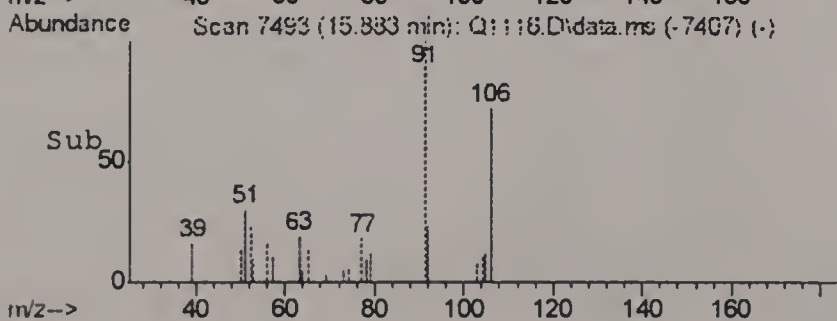
Tgt Ion:106 Resp: 20400
Ion Ratio Lower Upper
106 100
91 181.4 176.7 265.1
77 26.3 31.4 47.2#

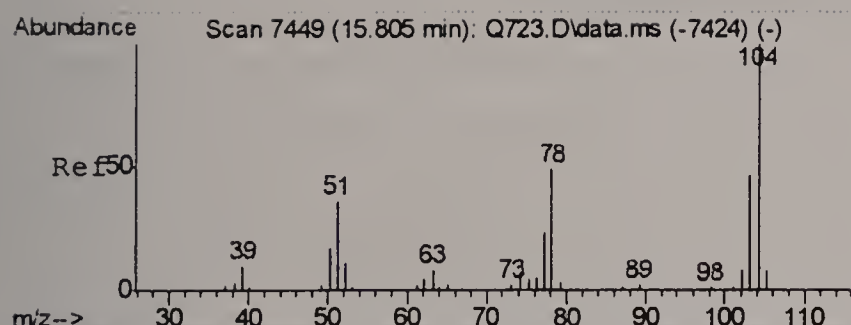


#57
o-XYLENE
Concen: 0.87 PPBV m
RT: 15.883 min Scan# 7493
Delta R.T. -0.002 min
Lab File: Q1116.D
Acq: 19 Jul 2006 10:28 pm



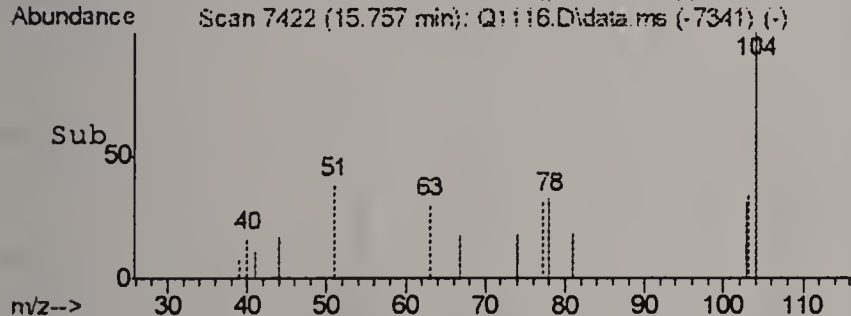
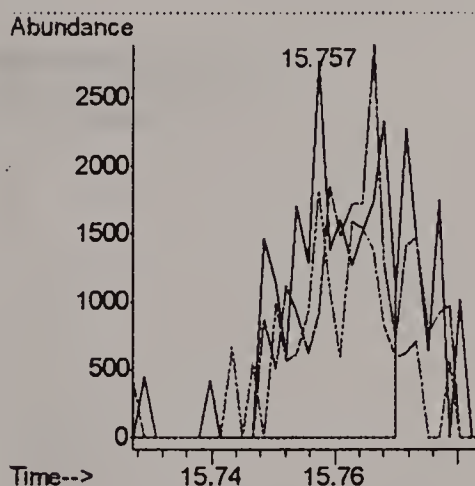
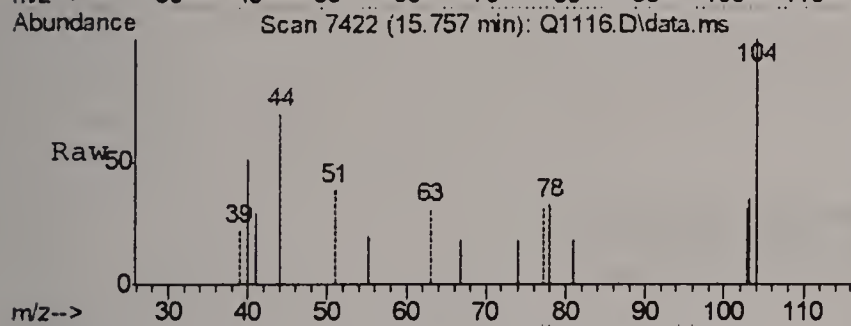
Tgt Ion:106 Resp: 6832
Ion Ratio Lower Upper
106 100
91 249.4 236.1 276.1
77 39.6 22.0 62.0





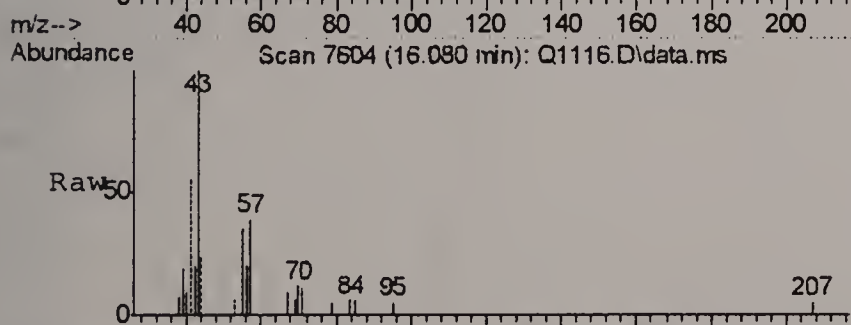
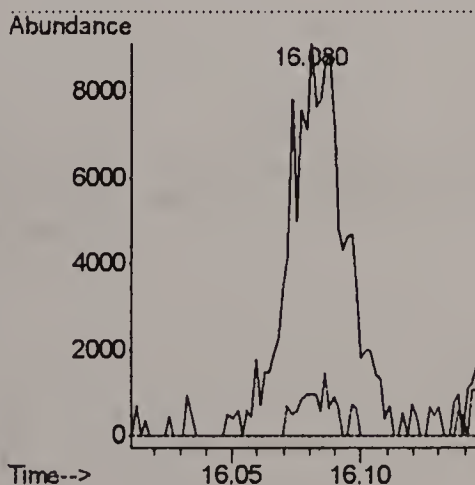
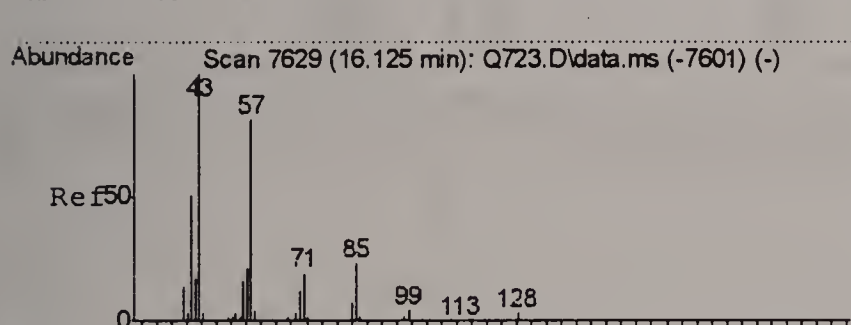
#58
 STYRENE
 Concen: 0.89 PPBV
 RT: 15.757 min Scan# 7422
 Delta R.T. -0.011 min
 Lab File: Q1116.D
 Acq: 19 Jul 2006 10:28 pm

Tgt Ion	Ratio	Lower	Upper
104	100		
78	111.6	40.8	80.8#
103	75.5	28.5	68.5#



#59
 NONANE
 Concen: 0.15 PPBV
 RT: 16.080 min Scan# 7604
 Delta R.T. -0.005 min
 Lab File: Q1116.D
 Acq: 19 Jul 2006 10:28 pm

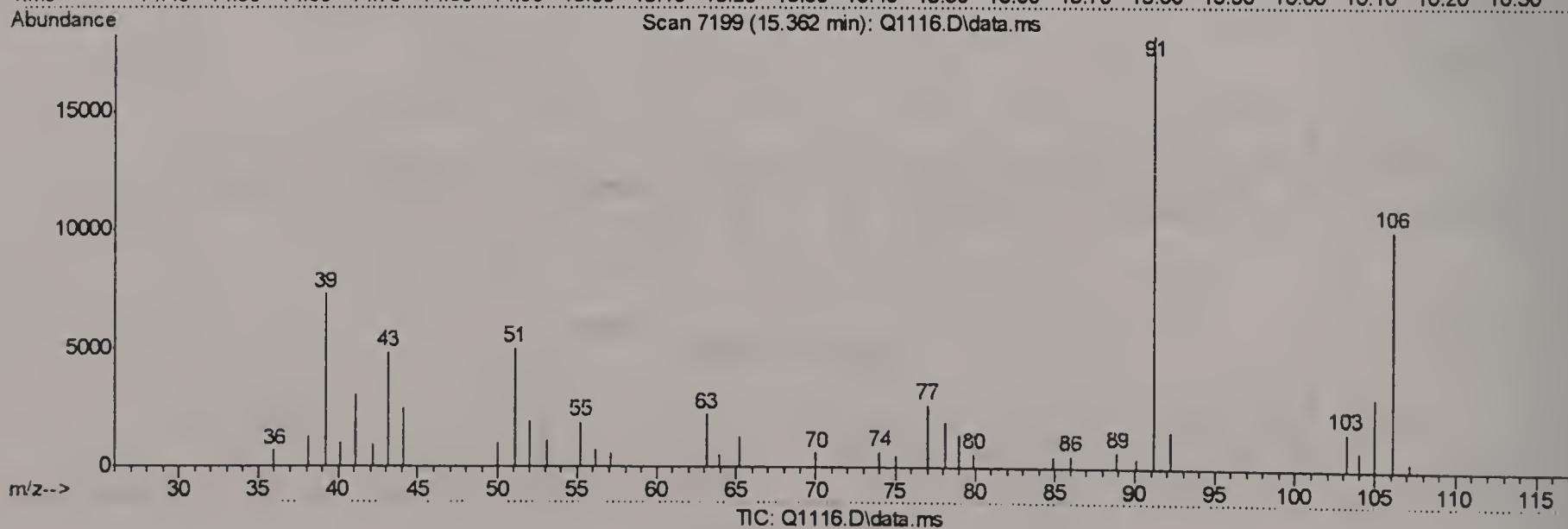
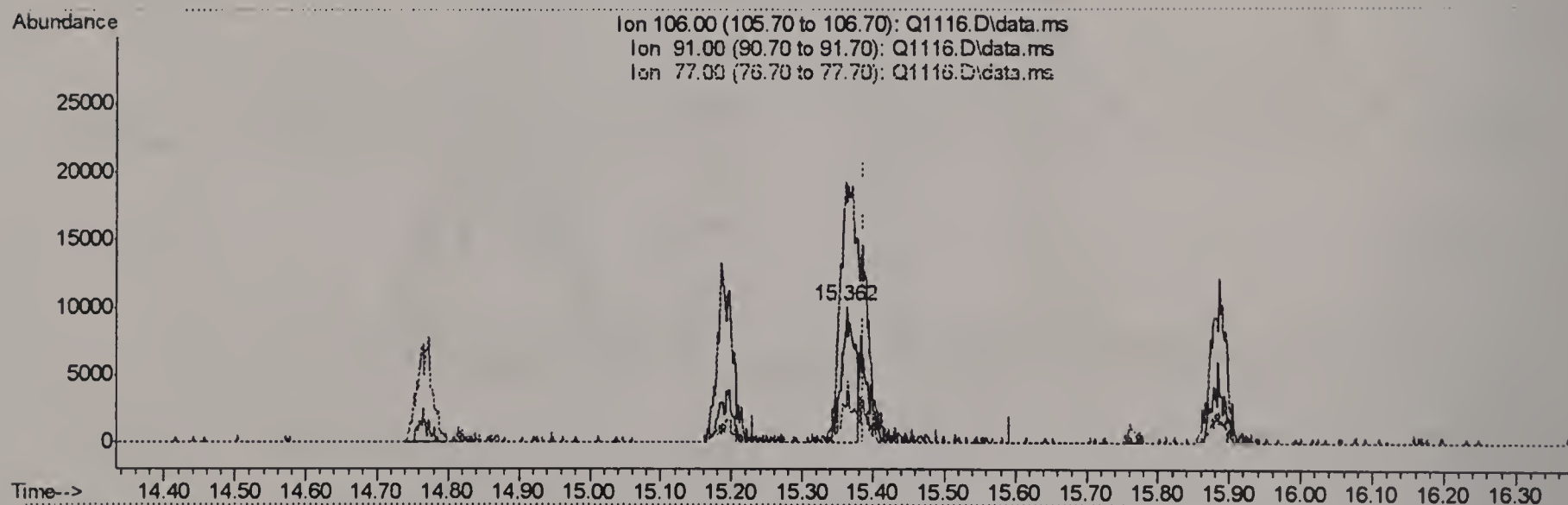
Tgt Ion	Ratio	Lower	Upper
43	100		
71	8.8	0.0	31.5
128	0.0	0.0	21.2



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1116.D
 Acq On : 19 Jul 2006 10:28 pm
 Operator : DougY
 Sample : M57573-11 (M155)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 20 08:27:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.362min (-0.024) 1.70PPBV

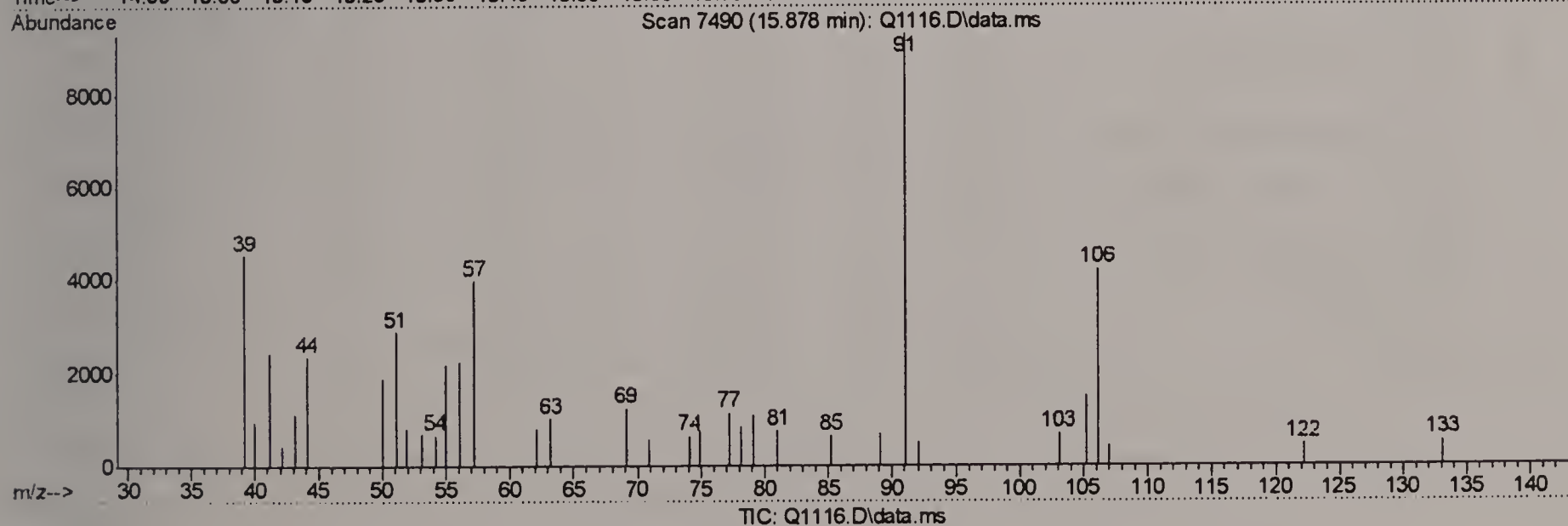
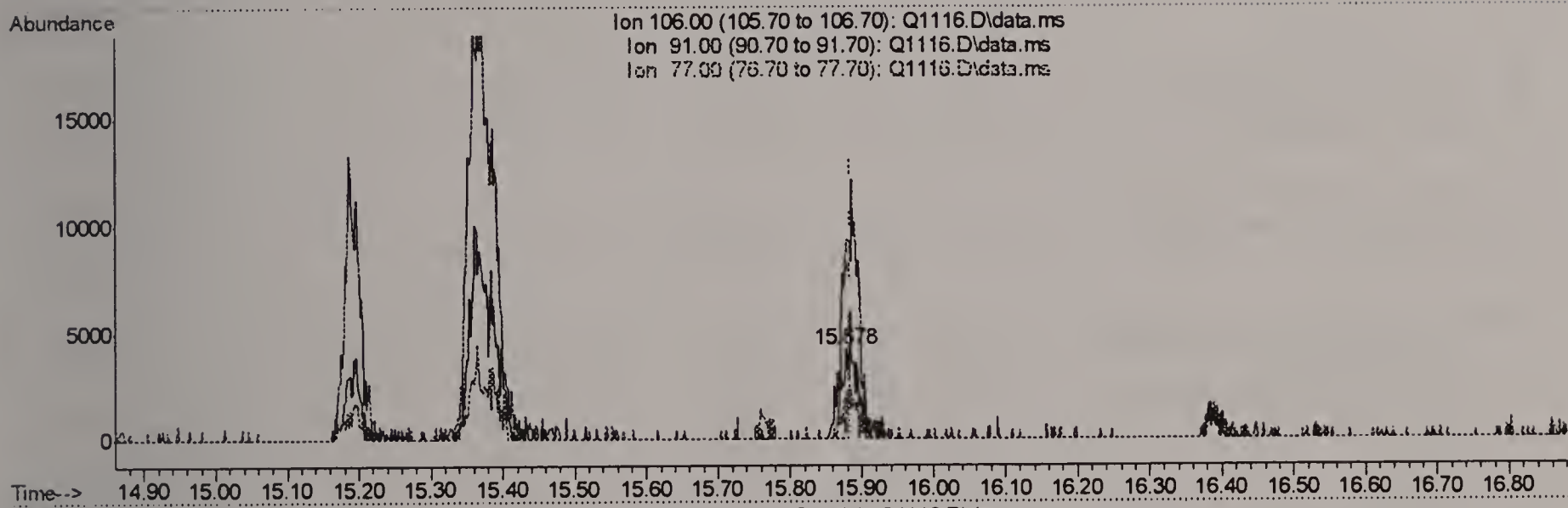
response 13577

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	181.36
77.00	39.30	26.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1116.D
 Acq On : 19 Jul 2006 10:28 pm
 Operator : DougY
 Sample : M57573-11 (M155)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 20 08:27:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

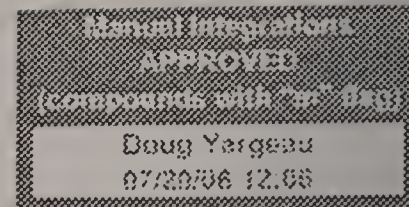


(57) o-XYLENE (m)

15.878min (-0.007) 0.70PPBV

response 2825

Ion	Exp%	Act%
106.00	100	100
91.00	256.10	603.19#
77.00	42.00	95.79#
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1117.D
Acq On : 19 Jul 2006 11:12 pm
Operator : DougY
Sample : M57573-12 (M106)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 20 09:56:10 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	211359	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.520	114	835739	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.767	117	645657	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	208565	4.29	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	85.80%

Target Compounds

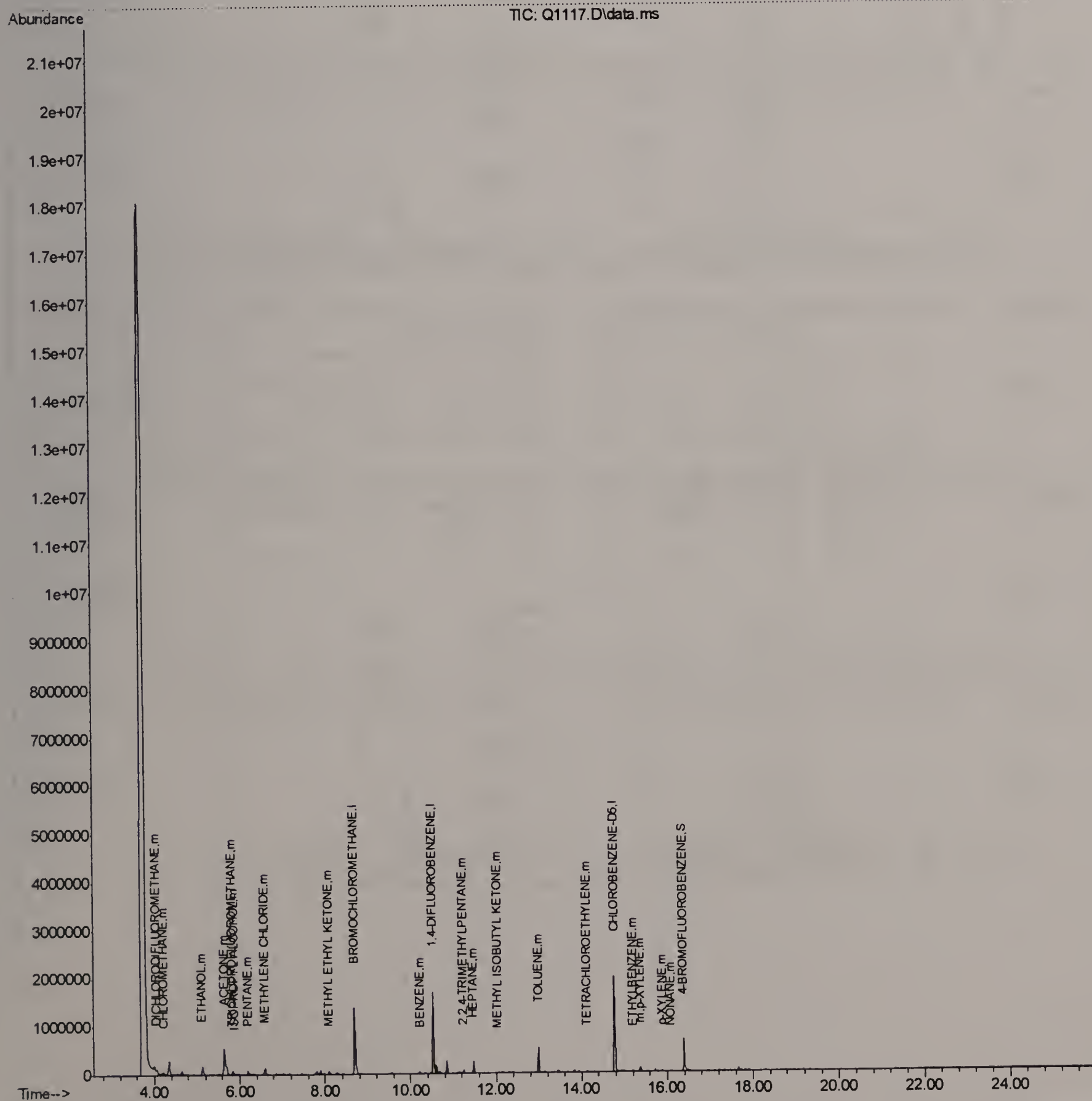
						Qvalue
2) DICHLORODIFLUOROMETHANE	4.065	85	80263	0.68	PPBV	88
5) CHLOROMETHANE	4.227	50	48329	0.89	PPBV	93
10) TRICHLOROFLUOROMETHANE	5.842	101	72032	0.60	PPBV	98
11) ISOPROPYL ALCOHOL	5.882	45	34100	0.50	PPBV	99
12) ACETONE	5.641	43	983603	11.71	PPBV	97
13) PENTANE	6.197	42	41088	0.78	PPBV	95
16) ETHANOL	5.132	45	261190	16.25	PPBV	98
18) METHYLENE CHLORIDE	6.591	84	43569	1.70	PPBV	98
28) METHYL ETHYL KETONE	8.092	43	109597	1.45	PPBV	98
36) BENZENE	10.211	78	31354	0.59	PPBV	89
41) 2,2,4-TRIMETHYLPENTANE	11.235	57	44529	0.26	PPBV	85
43) HEPTANE	11.464	43	91472	1.27	PPBV	99
44) METHYL ISOBUTYL KETONE	12.043	43	11286	0.14	PPBV	88
46) TOLUENE	12.983	92	148793	5.00	PPBV	98
51) TETRACHLOROETHYLENE	14.117	164	5098	0.36	PPBV #	89
55) ETHYLBENZENE	15.191	91	20844	0.91	PPBV	100
56) m,p-XYLENE	15.365	106	22657m	2.14	PPBV	
57) o-XYLENE	15.881	106	7310	0.90	PPBV #	90
59) NONANE	16.084	43	8884	0.10	PPBV	76

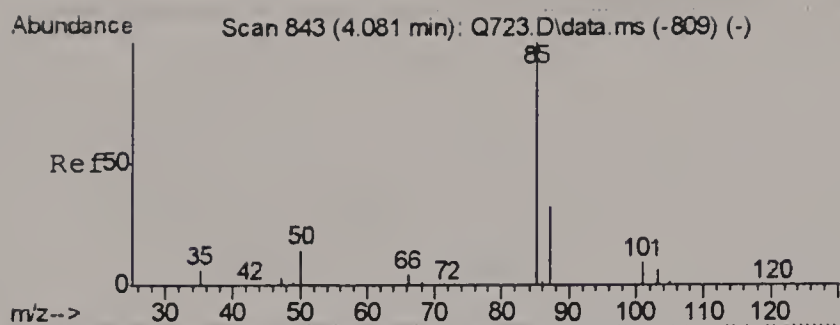
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1117.D
 Acq On : 19 Jul 2006 11:12 pm
 Operator : DougY
 Sample : M57573-12 (M106)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

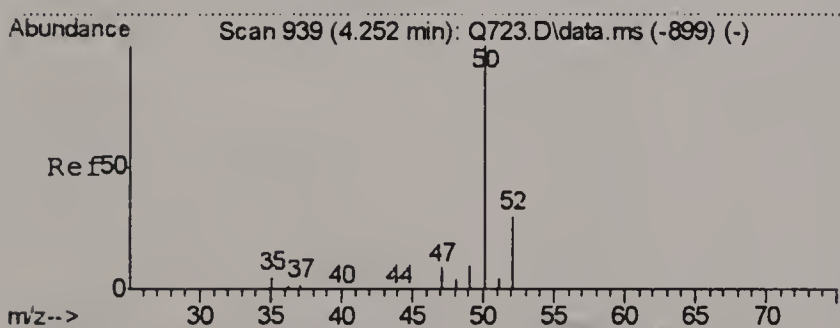
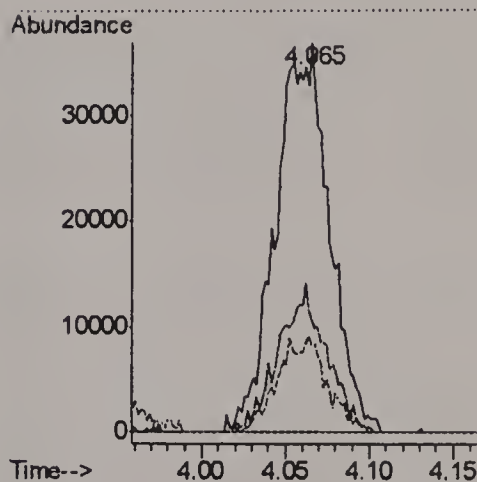
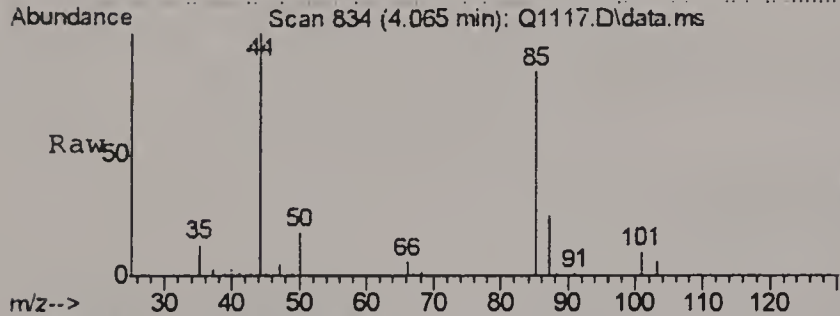
Quant Time: Jul 20 09:56:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





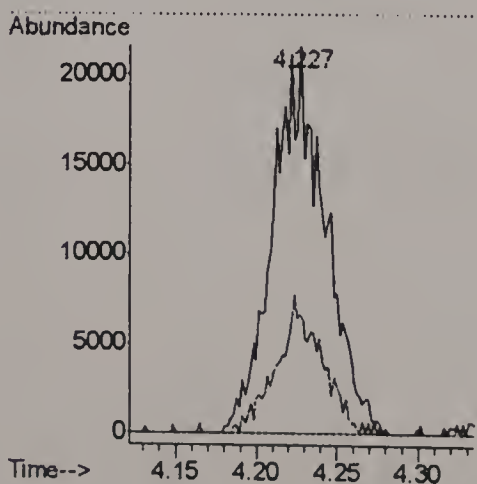
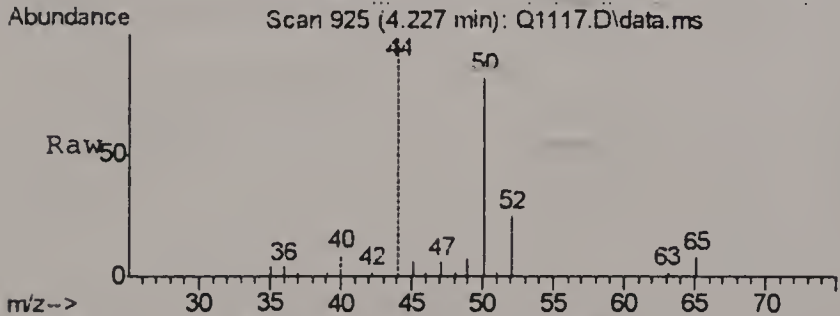
#2
DICHLORODIFLUOROMETHANE
Concen: 0.68 PPBV
RT: 4.065 min Scan# 834
Delta R.T. 0.007 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

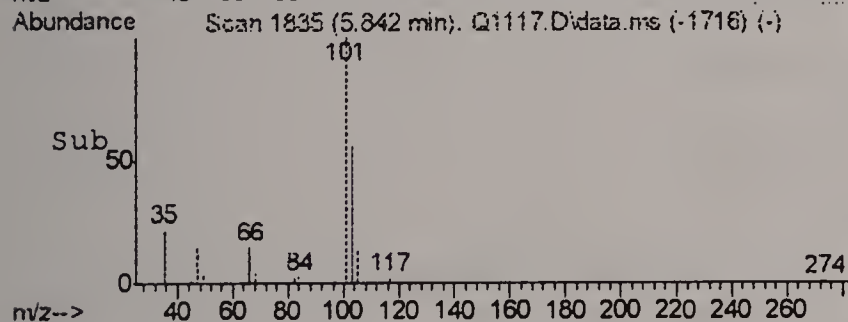
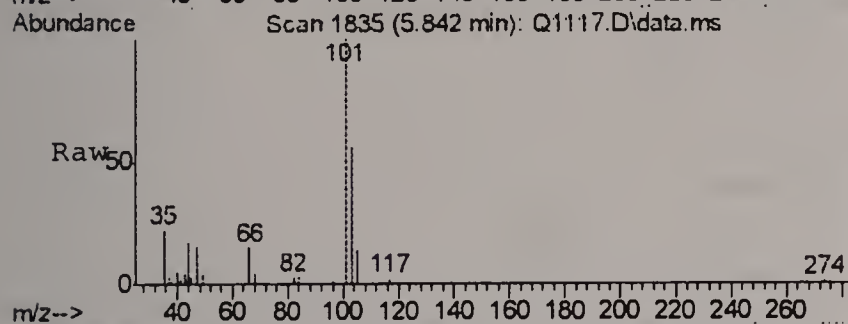
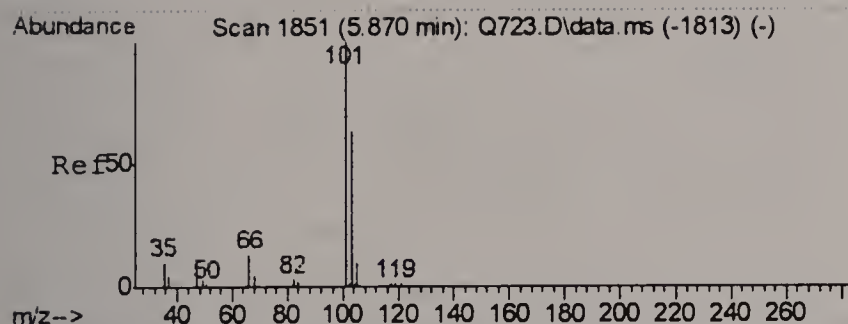
Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	12.1	52.1
50	9.6	1.6	41.6



#5
CHLOROMETHANE
Concen: 0.89 PPBV
RT: 4.227 min Scan# 925
Delta R.T. 0.003 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

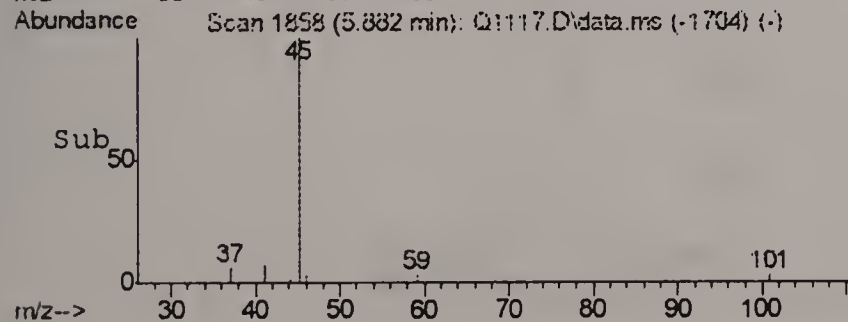
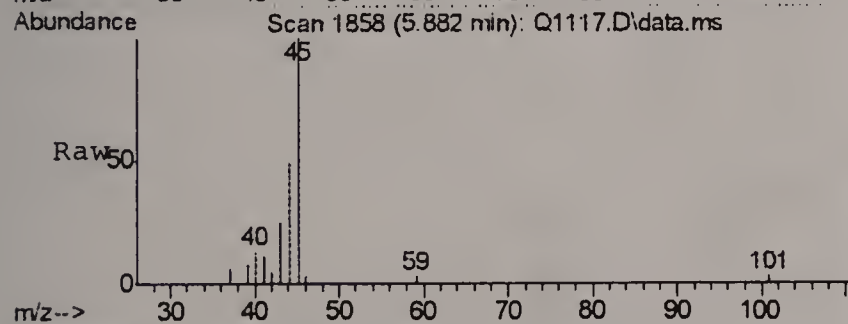
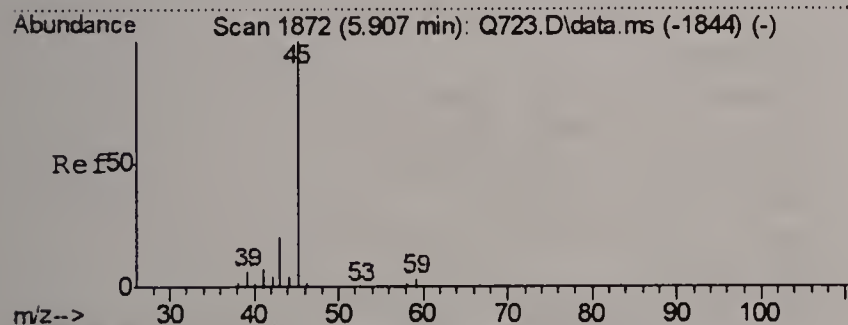
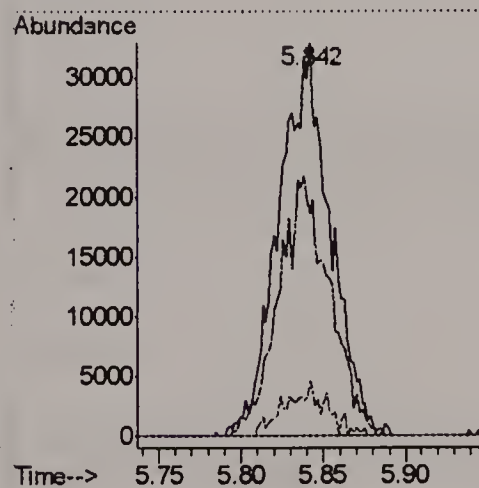
Tgt Ion	Ratio	Lower	Upper
50	100		
52	30.6	7.1	47.1





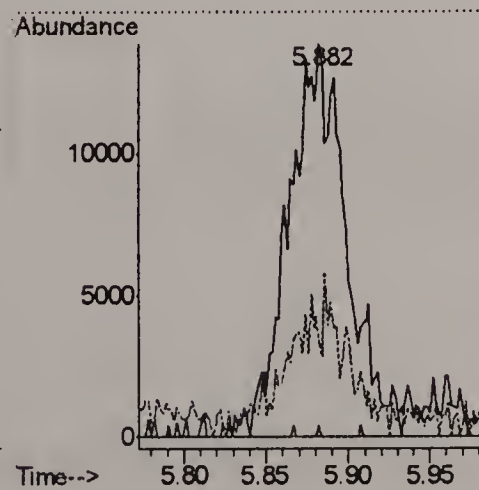
#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.60 PPBV
 RT: 5.842 min Scan# 1835
 Delta R.T. 0.005 min
 Lab File: Q1117.D
 Acq: 19 Jul 2006 11:12 pm

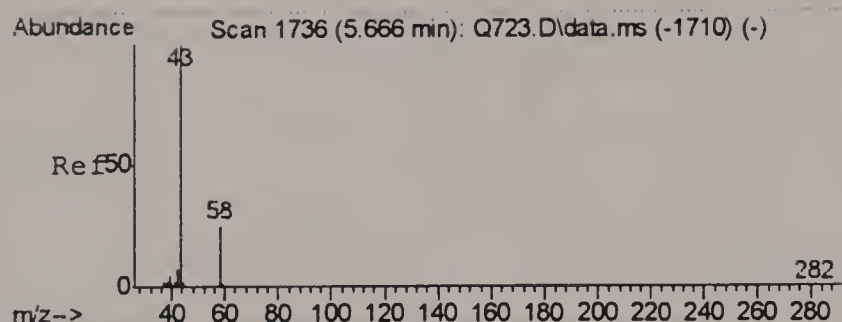
Tgt Ion:	101	Resp:	72032
Ion Ratio	Lower	Upper	
101	100		
103	66.1	44.2	84.2
105	10.9	0.0	30.2



#11
 ISOPROPYL ALCOHOL
 Concen: 0.50 PPBV
 RT: 5.882 min Scan# 1858
 Delta R.T. 0.016 min
 Lab File: Q1117.D
 Acq: 19 Jul 2006 11:12 pm

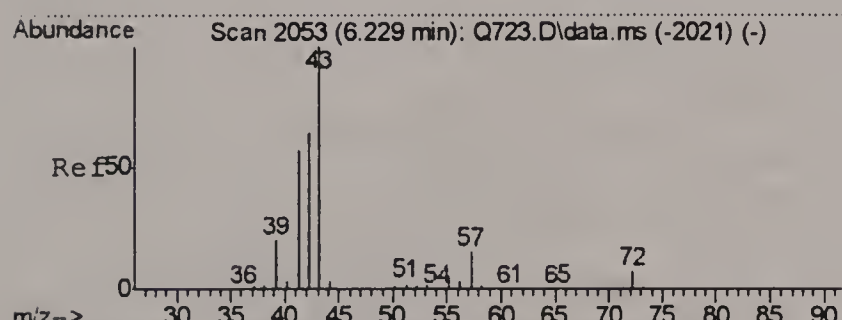
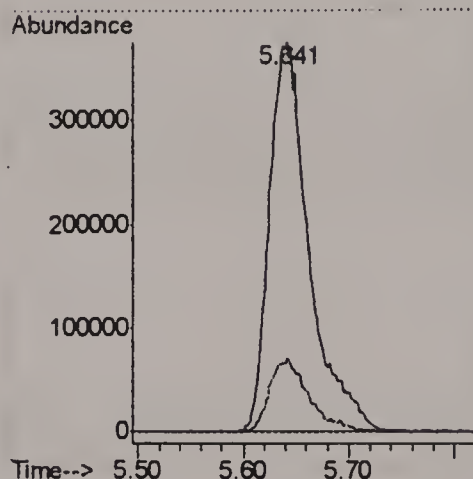
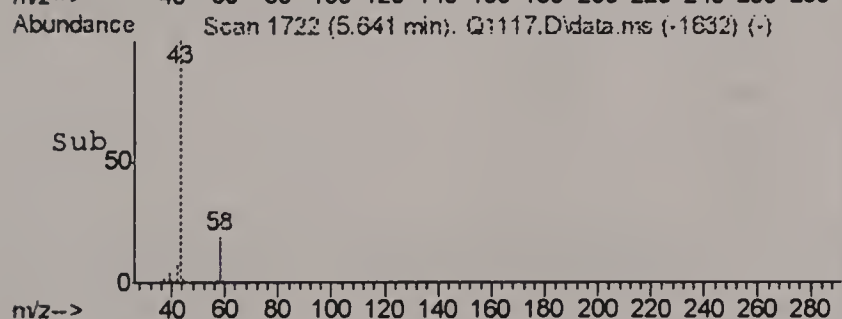
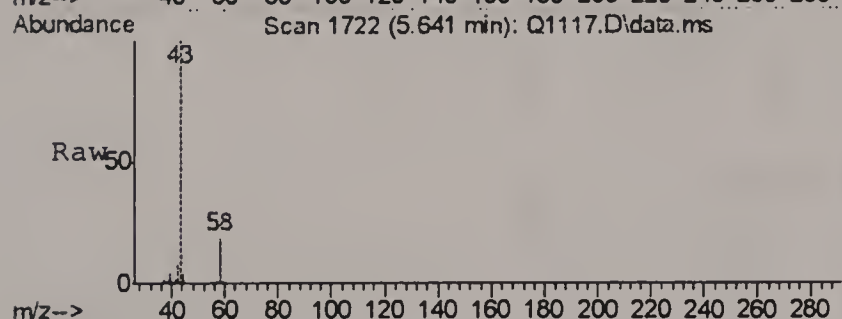
Tgt Ion:	45	Resp:	34100
Ion Ratio	Lower	Upper	
45	100		
59	3.0	0.0	22.9
43	24.9	5.7	45.7





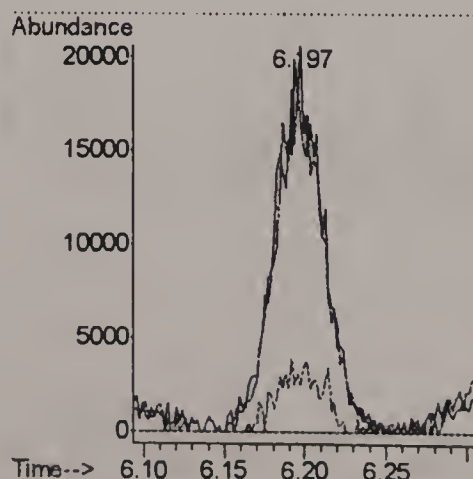
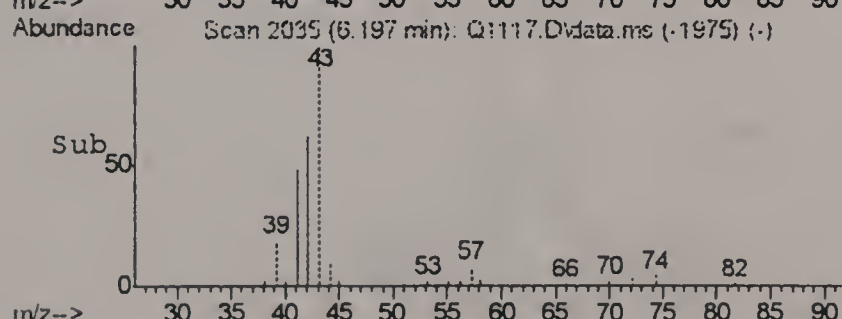
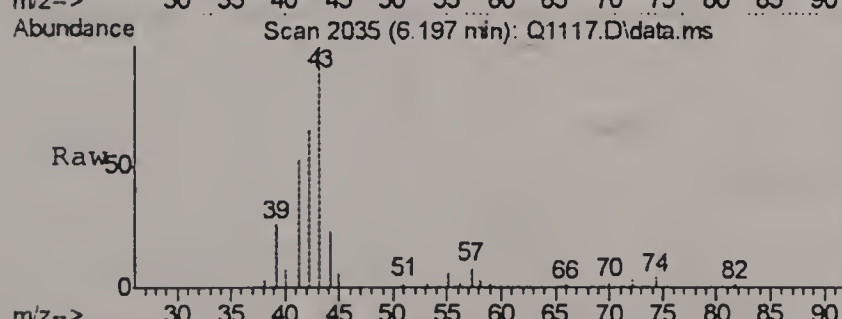
#12
ACETONE
Concen: 11.71 PPBV
RT: 5.641 min Scan# 1722
Delta R.T. 0.005 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

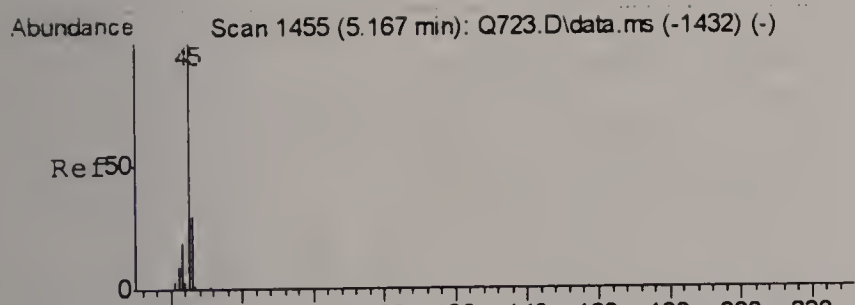
Tgt Ion: 43 Resp: 983603
Ion Ratio Lower Upper
43 100
58 18.7 0.0 37.4



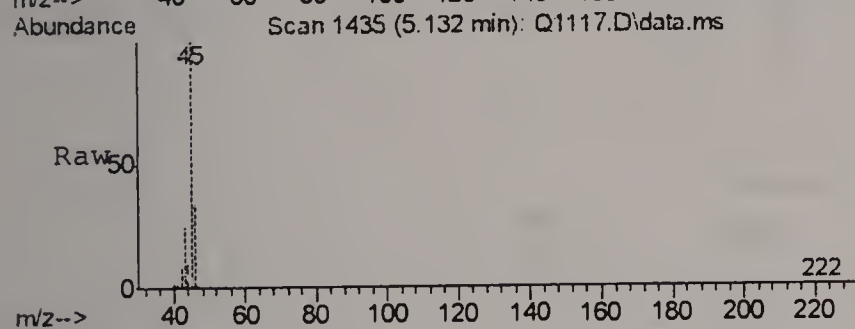
#13
PENTANE
Concen: 0.78 PPBV
RT: 6.197 min Scan# 2035
Delta R.T. 0.003 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

Tgt Ion: 42 Resp: 41088
Ion Ratio Lower Upper
42 100
41 94.3 80.1 120.1
57 17.7 0.0 37.8



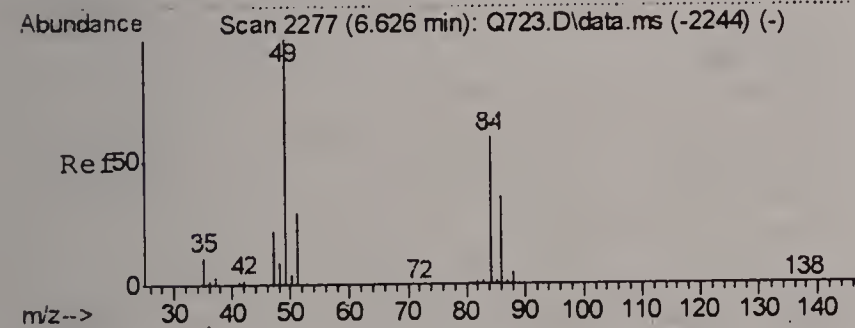
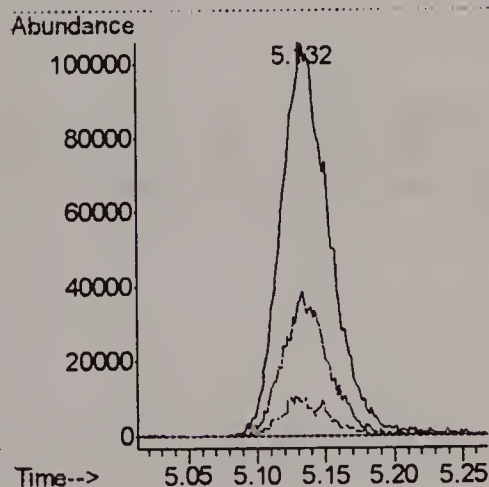
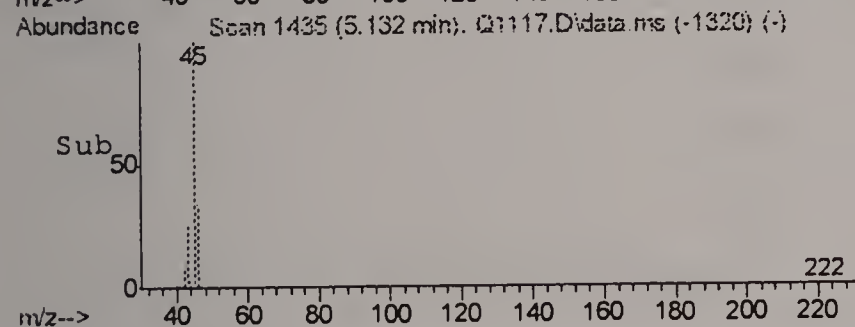


#16
 ETHANOL
 Concen: 16.25 PPBV
 RT: 5.132 min Scan# 1435
 Delta R.T. -0.002 min
 Lab File: Q1117.D
 Acq: 19 Jul 2006 11:12 pm

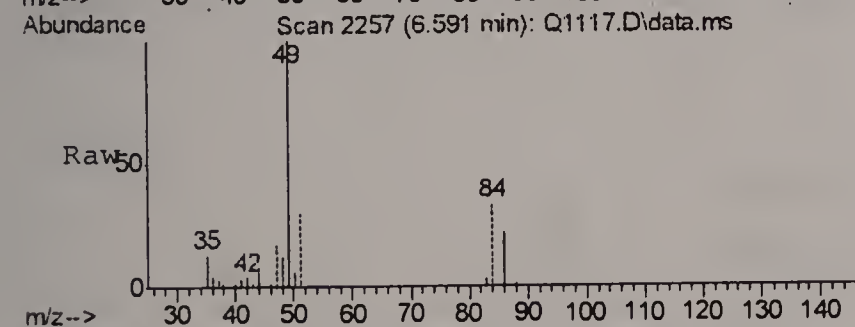


Tgt Ion: 45 Resp: 261190

Ion	Ratio	Lower	Upper
45	100		
46	34.4	13.2	53.2
42	6.1	0.0	26.3

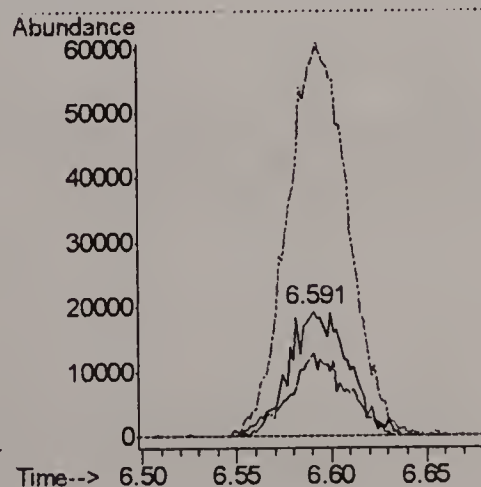
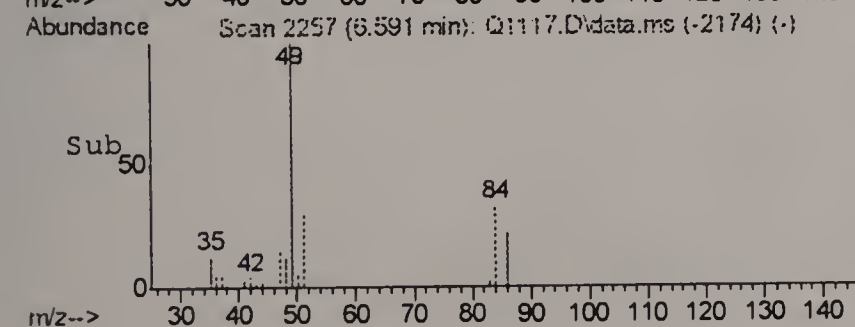


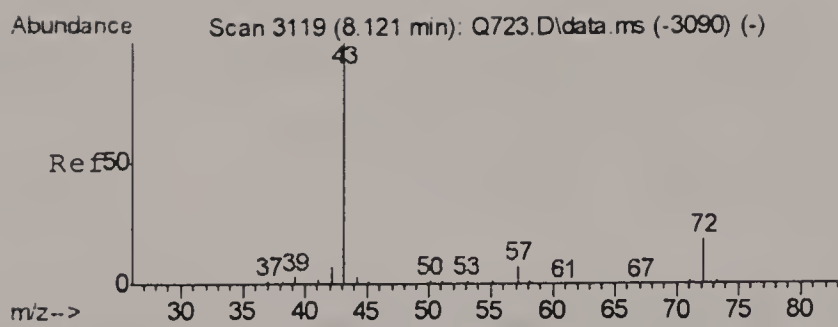
#18
 METHYLENE CHLORIDE
 Concen: 1.70 PPBV
 RT: 6.591 min Scan# 2257
 Delta R.T. -0.002 min
 Lab File: Q1117.D
 Acq: 19 Jul 2006 11:12 pm



Tgt Ion: 84 Resp: 43569

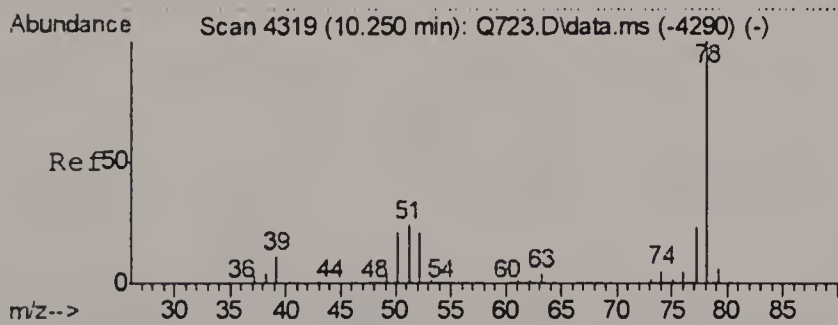
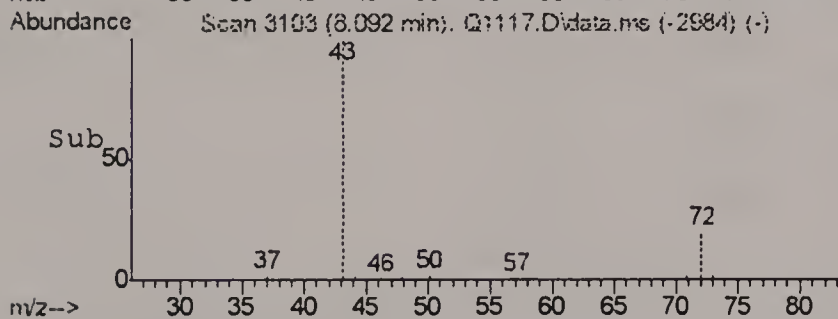
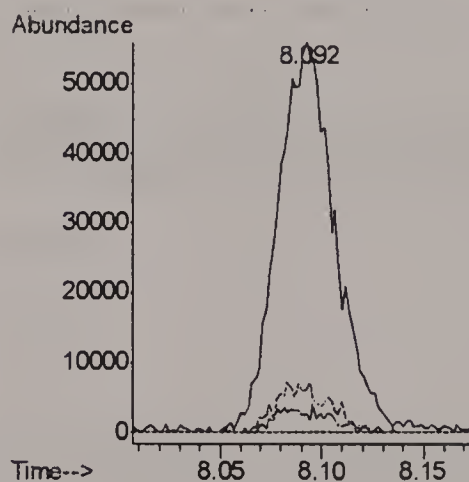
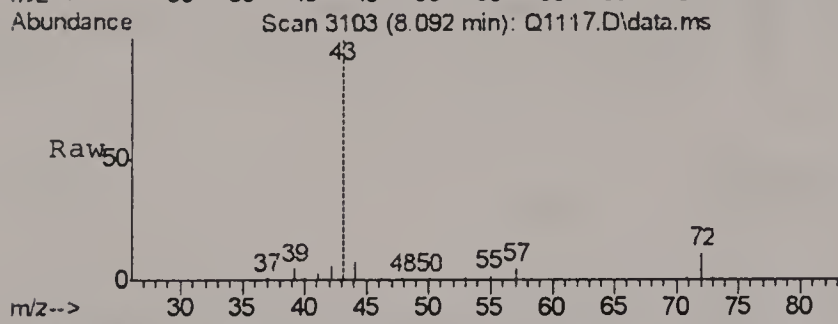
Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.2	84.2
49	315.0	119.3	519.3





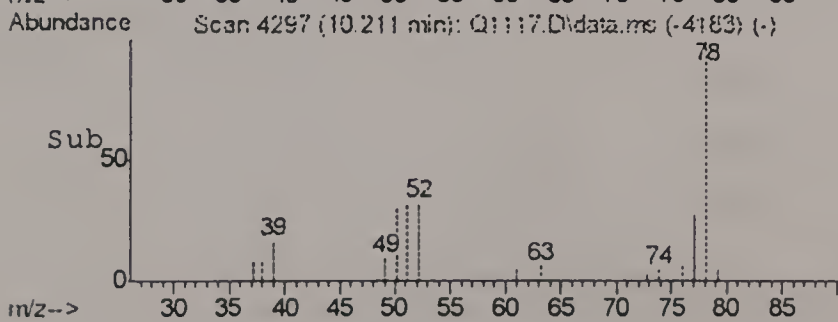
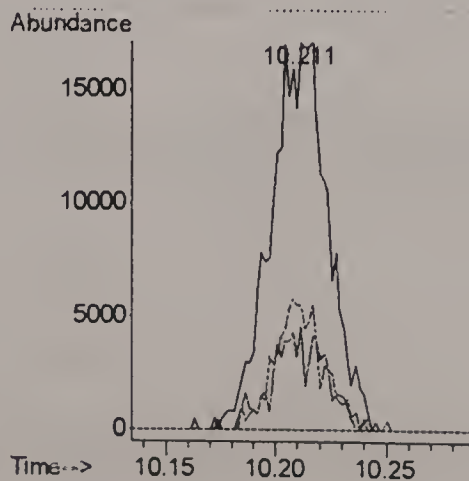
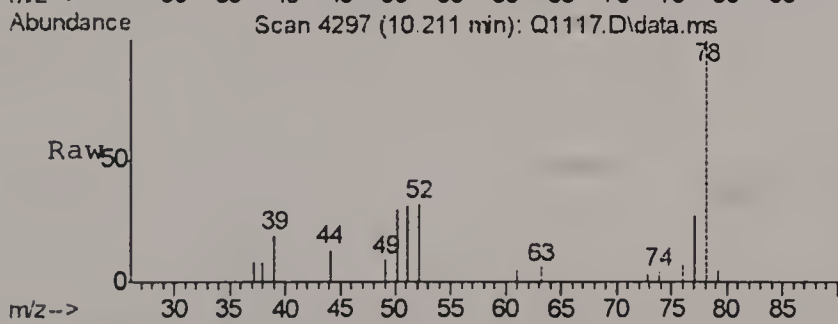
#28
METHYL ETHYL KETONE
Concen: 1.45 PPBV
RT: 8.092 min Scan# 3103
Delta R.T. 0.005 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

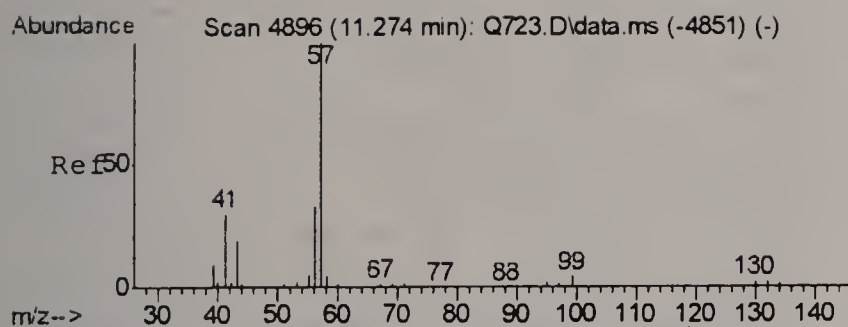
Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.1	0.0	26.0
72	11.0	0.0	31.5



#36
BENZENE
Concen: 0.59 PPBV
RT: 10.211 min Scan# 4297
Delta R.T. -0.004 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

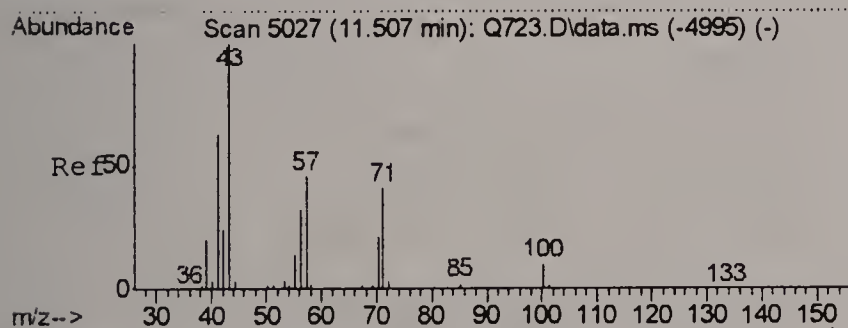
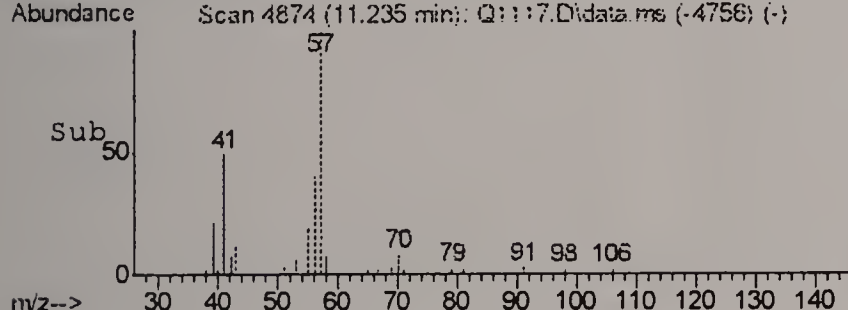
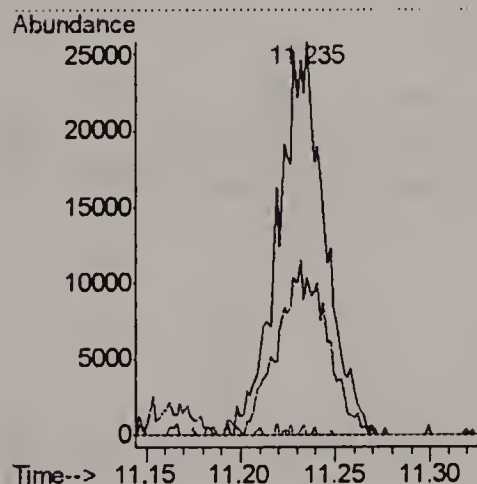
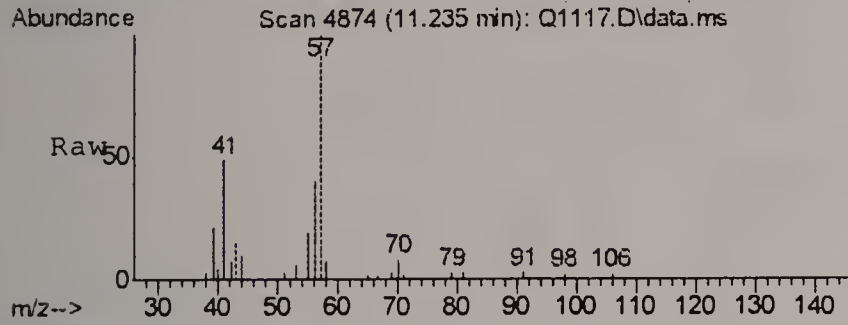
Tgt Ion	Ratio	Lower	Upper
78	100		
77	14.1	4.3	44.3
52	28.2	10.0	50.0





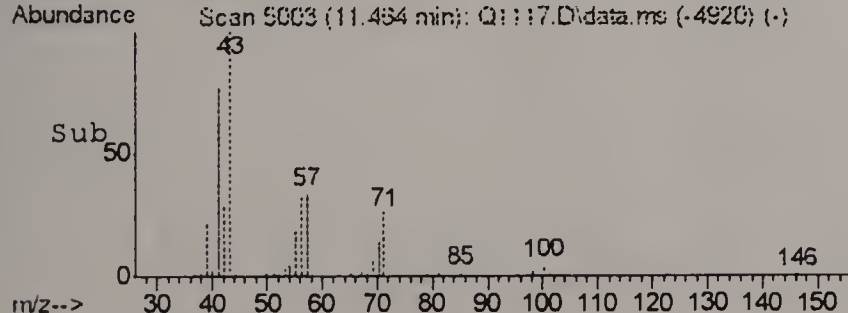
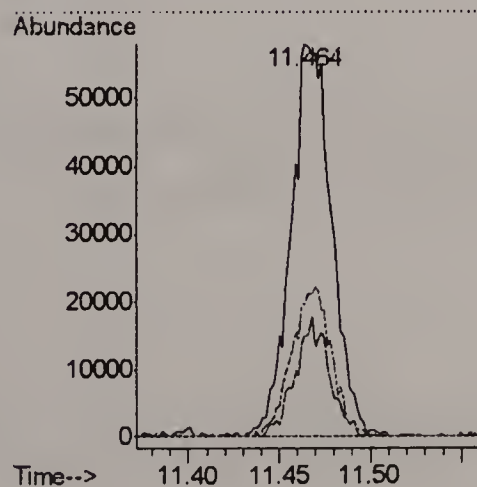
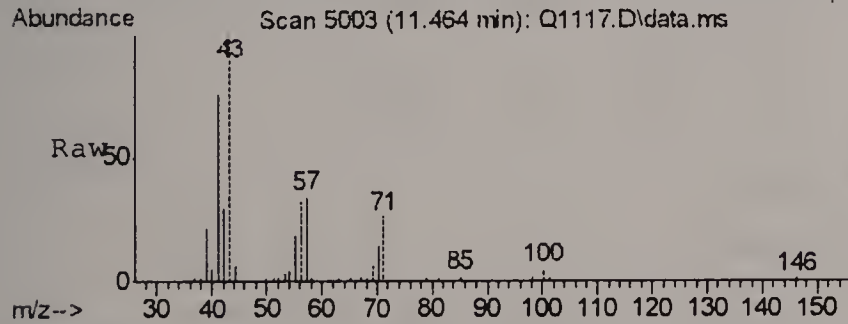
#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.26 PPBV
RT: 11.235 min Scan# 4874
Delta R.T. 0.003 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

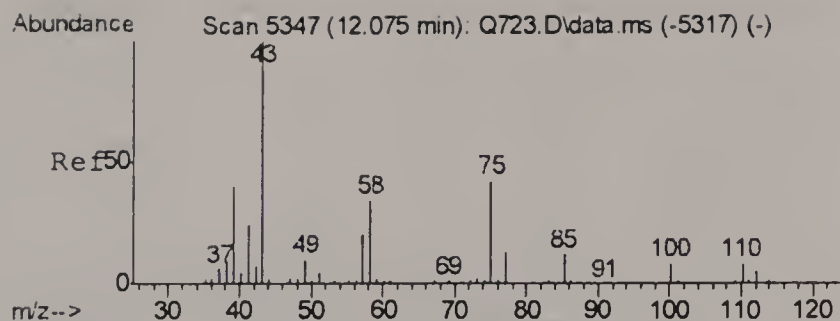
Tgt Ion	Ratio	Lower	Upper
57	100		
56	25.1	14.1	54.1
99	0.9	0.0	23.8



#43
HEPTANE
Concen: 1.27 PPBV
RT: 11.464 min Scan# 5003
Delta R.T. -0.007 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

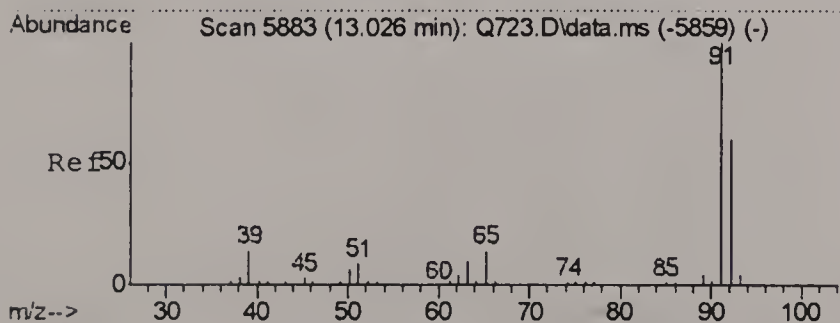
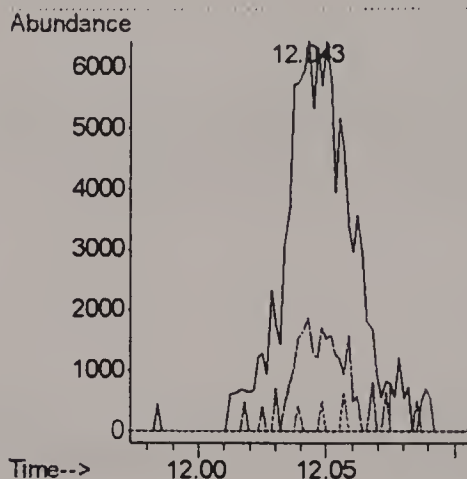
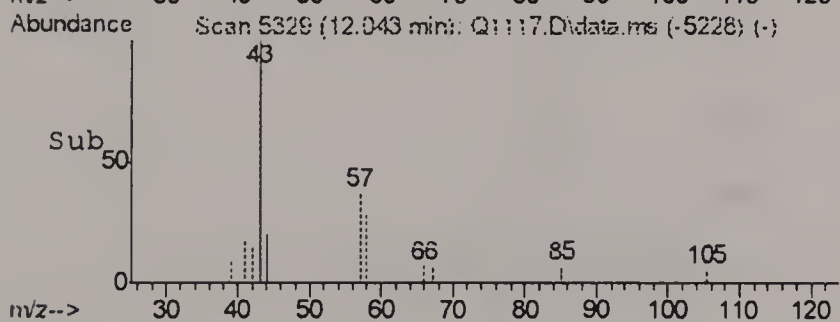
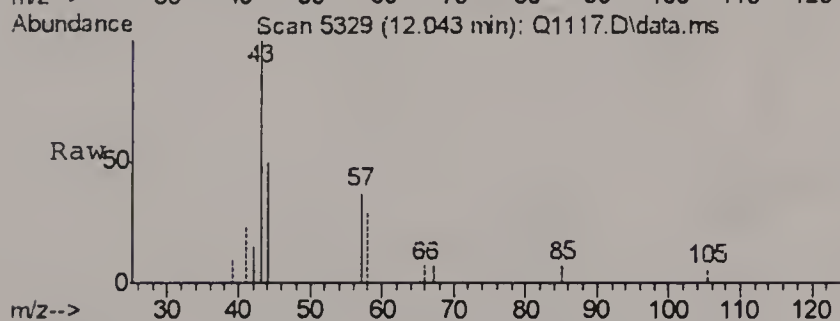
Tgt Ion	Ratio	Lower	Upper
43	100		
71	25.5	5.6	45.6
57	37.3	18.2	58.2





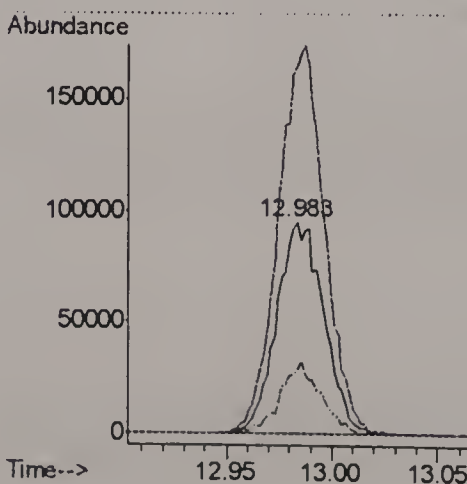
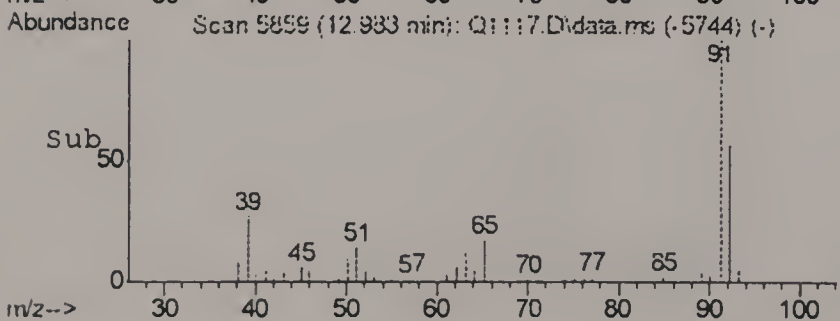
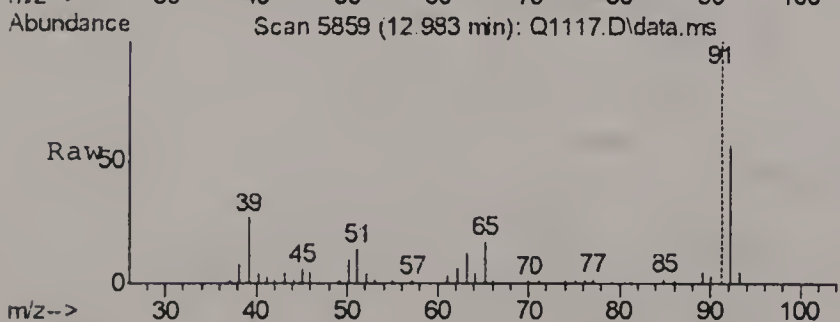
#44
METHYL ISOBUTYL KETONE
Concen: 0.14 PPBV
RT: 12.043 min Scan# 5329
Delta R.T. 0.003 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

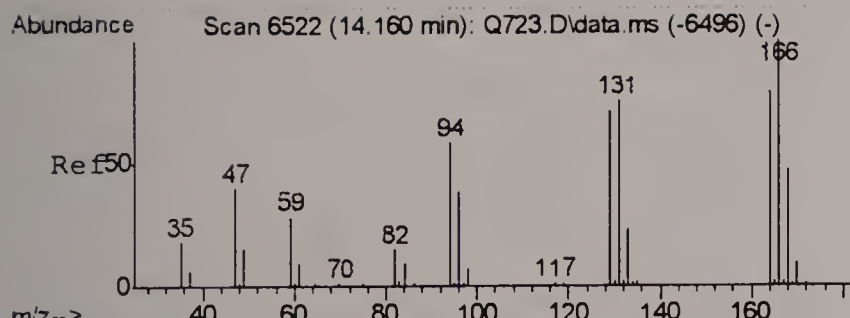
Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.5	5.5	45.5
100	0.4	0.0	23.8



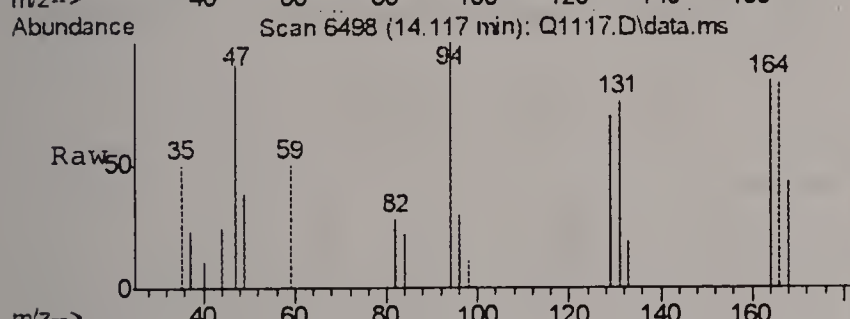
#46
TOLUENE
Concen: 5.00 PPBV
RT: 12.983 min Scan# 5859
Delta R.T. -0.003 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

Tgt Ion	Ratio	Lower	Upper
92	100		
91	179.4	156.4	196.4
65	29.9	10.3	50.3

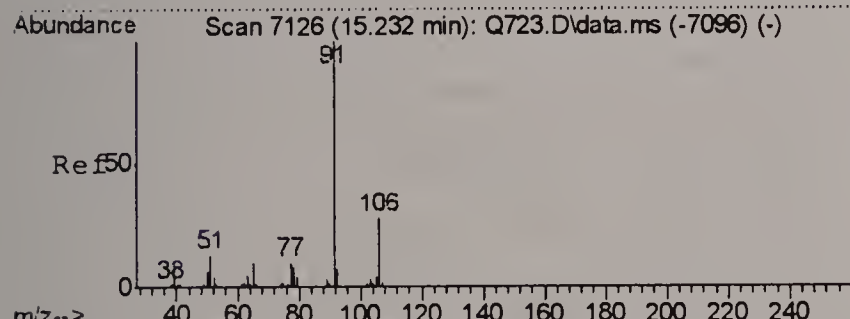
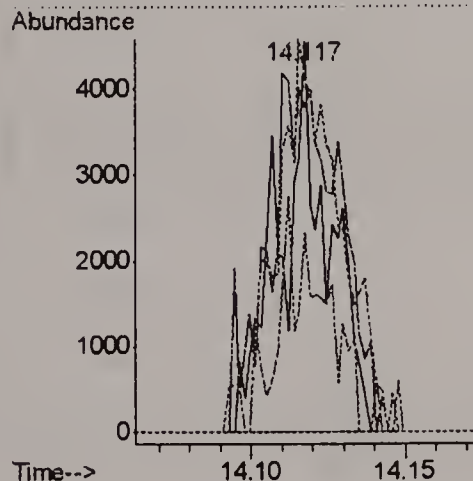
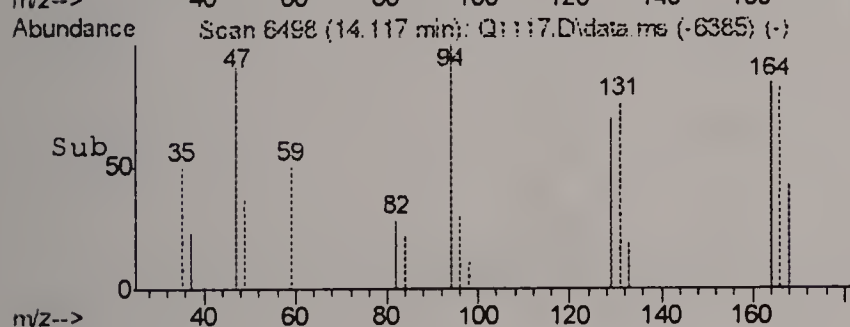




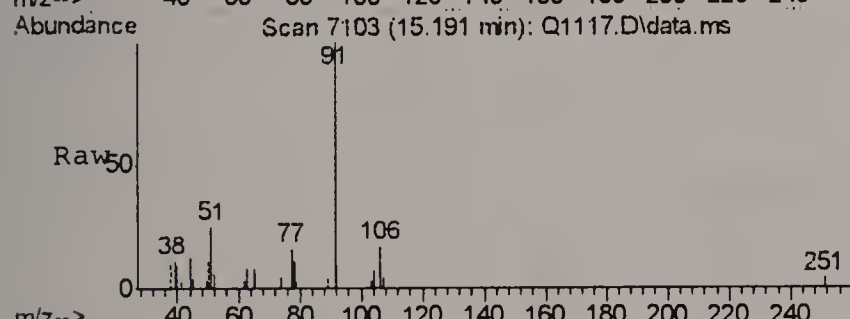
#51
TETRACHLOROETHYLENE
Concen: 0.36 PPBV
RT: 14.117 min Scan# 6498
Delta R.T. -0.005 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm



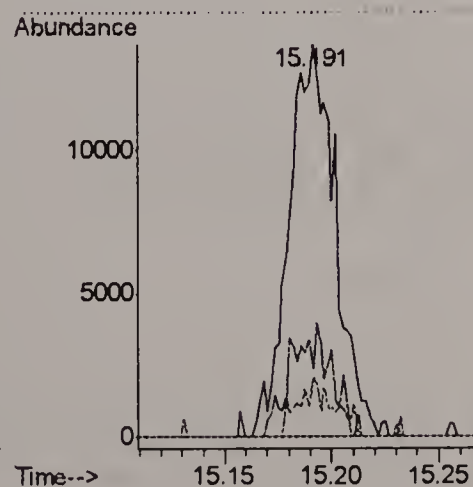
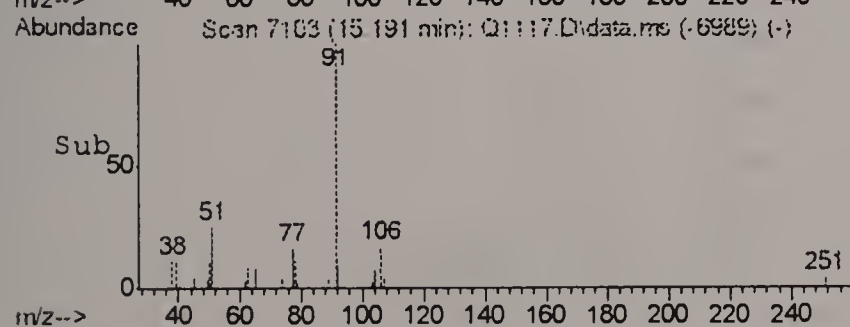
Tgt Ion: 164 Resp: 5098
Ion Ratio Lower Upper
164 100
129 132.0 102.5 142.5
168 38.1 39.4 79.4#
131 127.6 101.1 141.1

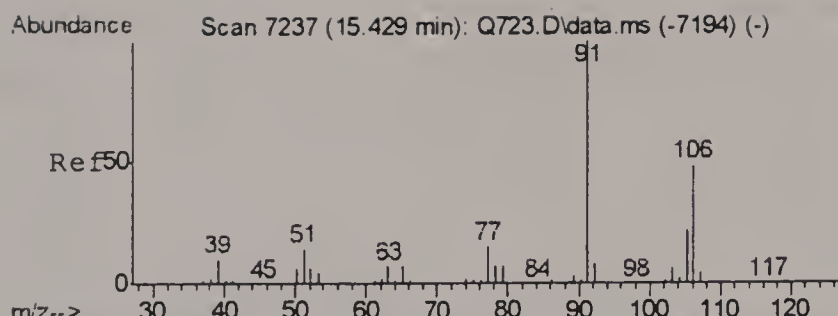


#55
ETHYLBENZENE
Concen: 0.91 PPBV
RT: 15.191 min Scan# 7103
Delta R.T. -0.003 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm



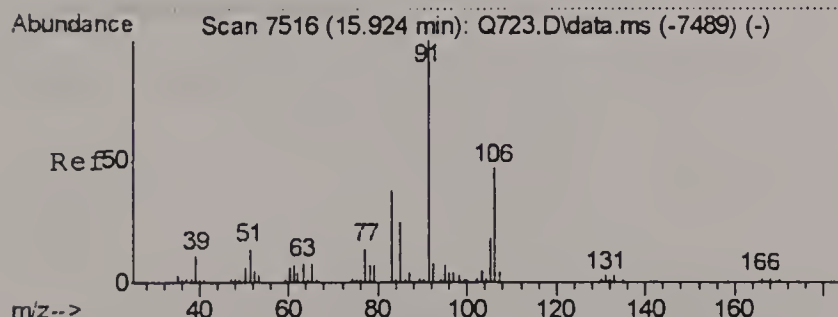
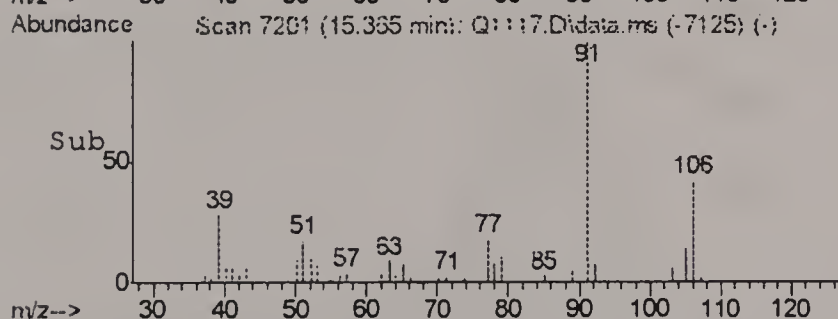
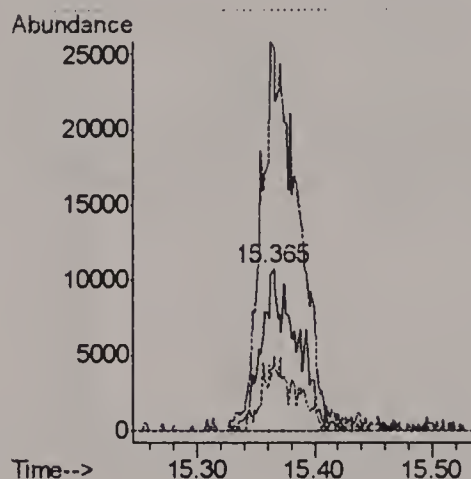
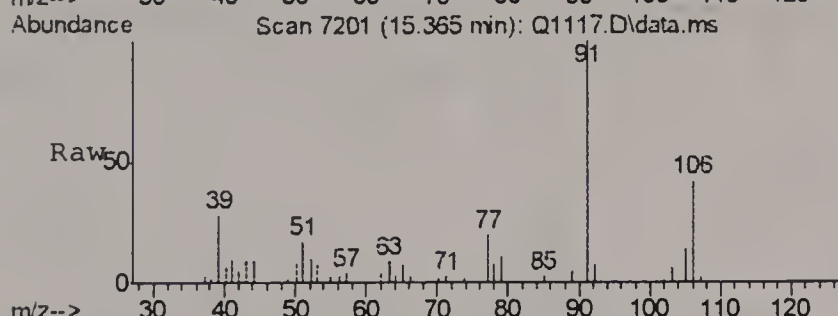
Tgt Ion: 91 Resp: 20844
Ion Ratio Lower Upper
91 100
106 25.0 5.2 45.2
77 11.5 0.0 31.7





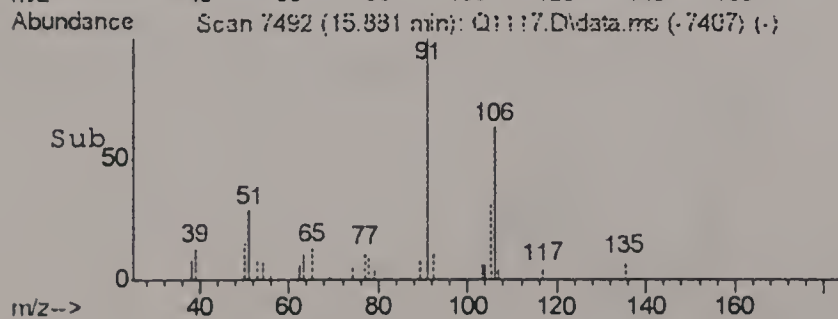
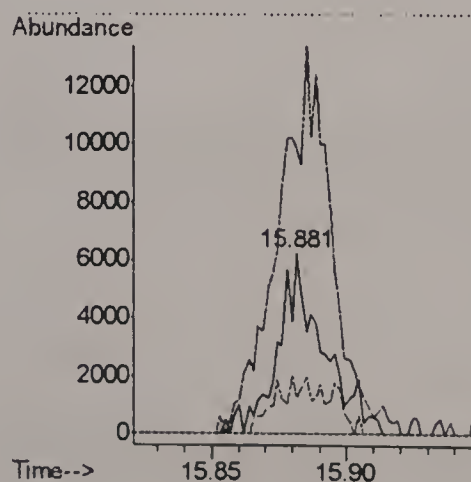
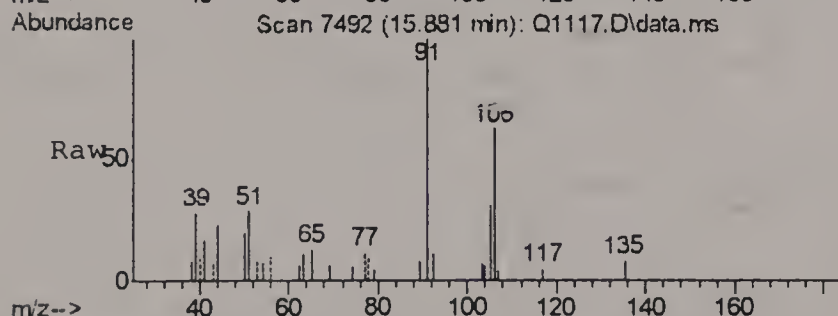
#56
m,p-XYLENE
Concen: 2.14 PPBV m
RT: 15.365 min Scan# 7201
Delta R.T. -0.021 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

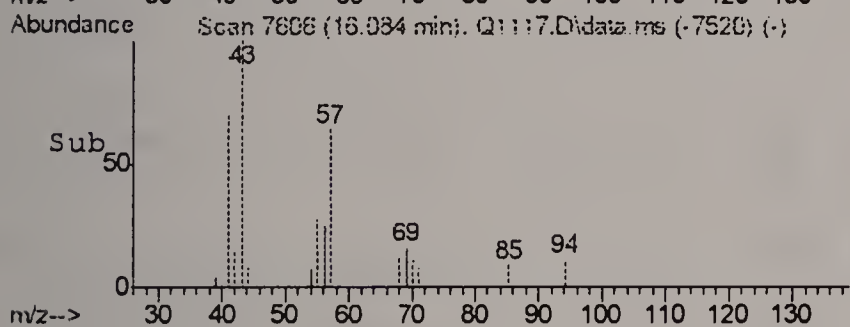
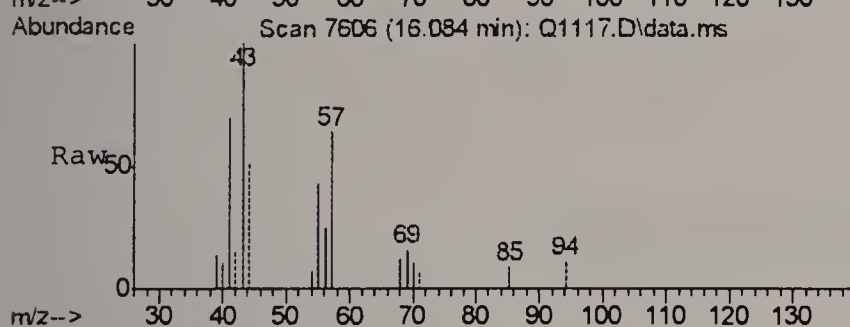
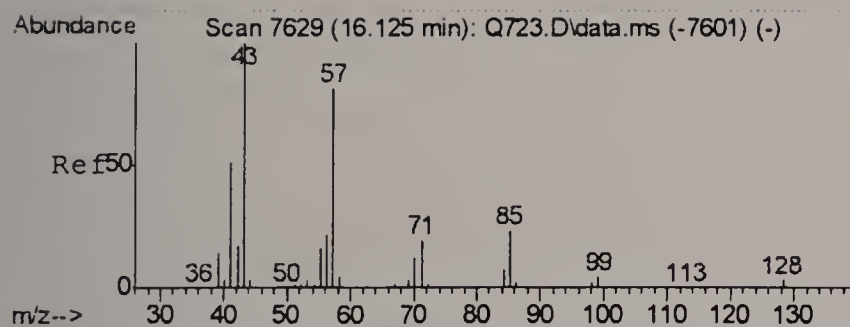
Tgt Ion	Ratio	Lower	Upper
106	100		
91	236.8	176.7	265.1
77	46.3	31.4	47.2



#57
o-XYLENE
Concen: 0.90 PPBV
RT: 15.881 min Scan# 7492
Delta R.T. -0.004 min
Lab File: Q1117.D
Acq: 19 Jul 2006 11:12 pm

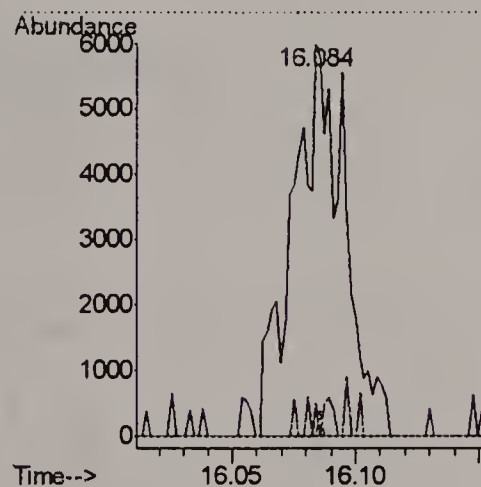
Tgt Ion	Ratio	Lower	Upper
106	100		
91	250.4	236.1	276.1
77	11.7	22.0	62.0





#59
 NONANE
 Concen: 0.10 PPBV
 RT: 16.084 min Scan# 7606
 Delta R.T. -0.002 min
 Lab File: Q1117.D
 Acq: 19 Jul 2006 11:12 pm

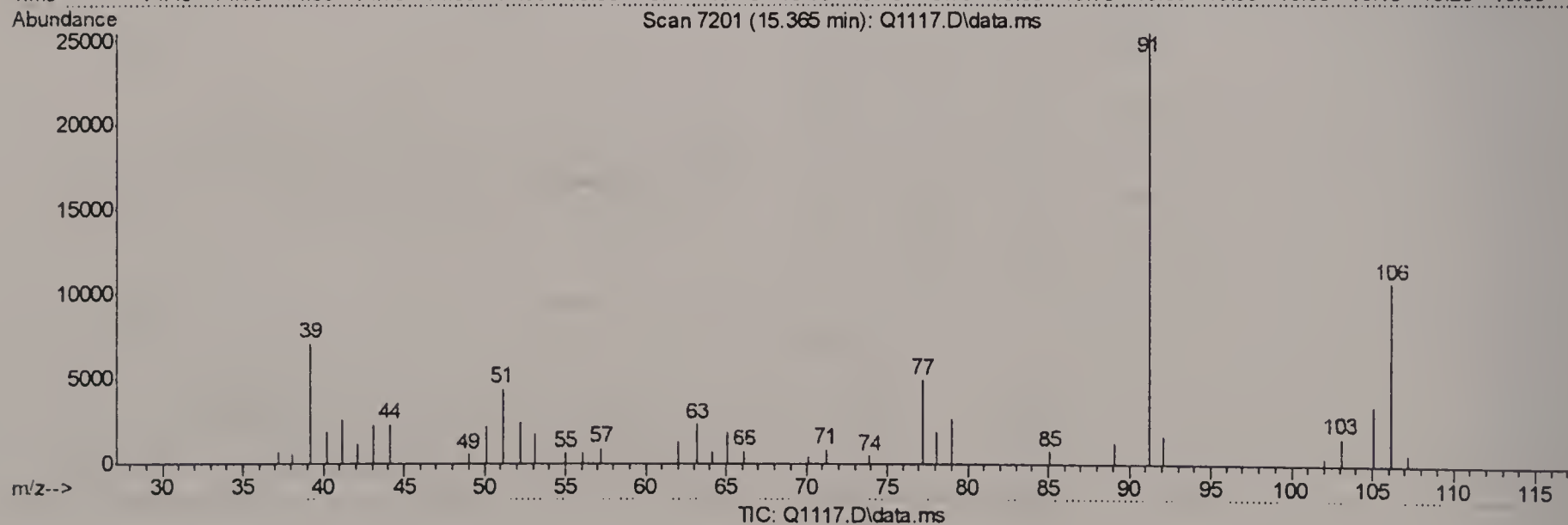
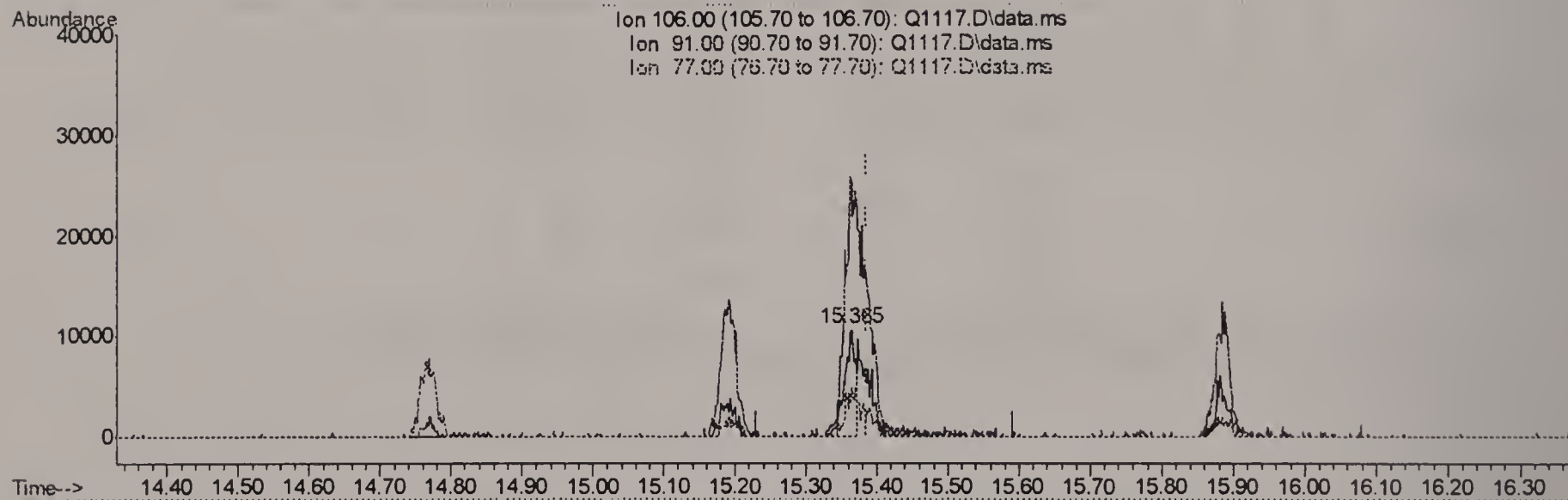
Tgt Ion	Ratio	Lower	Upper
43	100		
71	1.4	0.0	31.5
128	0.5	0.0	21.2



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1117.D
 Acq On : 19 Jul 2006 11:12 pm
 Operator : DougY
 Sample : M57573-12 (M106)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 20 08:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



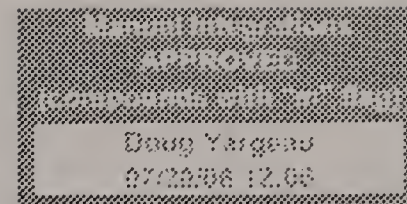
(56) m,p-XYLENE (m)

15.365min (-0.021) 1.63PPBV

response 11784

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	236.81
77.00	39.30	46.28
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1118.D
 Acq On : 19 Jul 2006 11:57 pm
 Operator : DougY
 Sample : M57573-13 (M046)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 09:58:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.701	128	184671	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.529	114	747538	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.769	117	568398	10.00	PPBV	0.00

System Monitoring Compounds
 61) 4-BROMOFLUOROBENZENE 16.387 95 169052 3.95 PPBV 0.00
 Spiked Amount 5.000 Range 57 - 139 Recovery = 79.00%

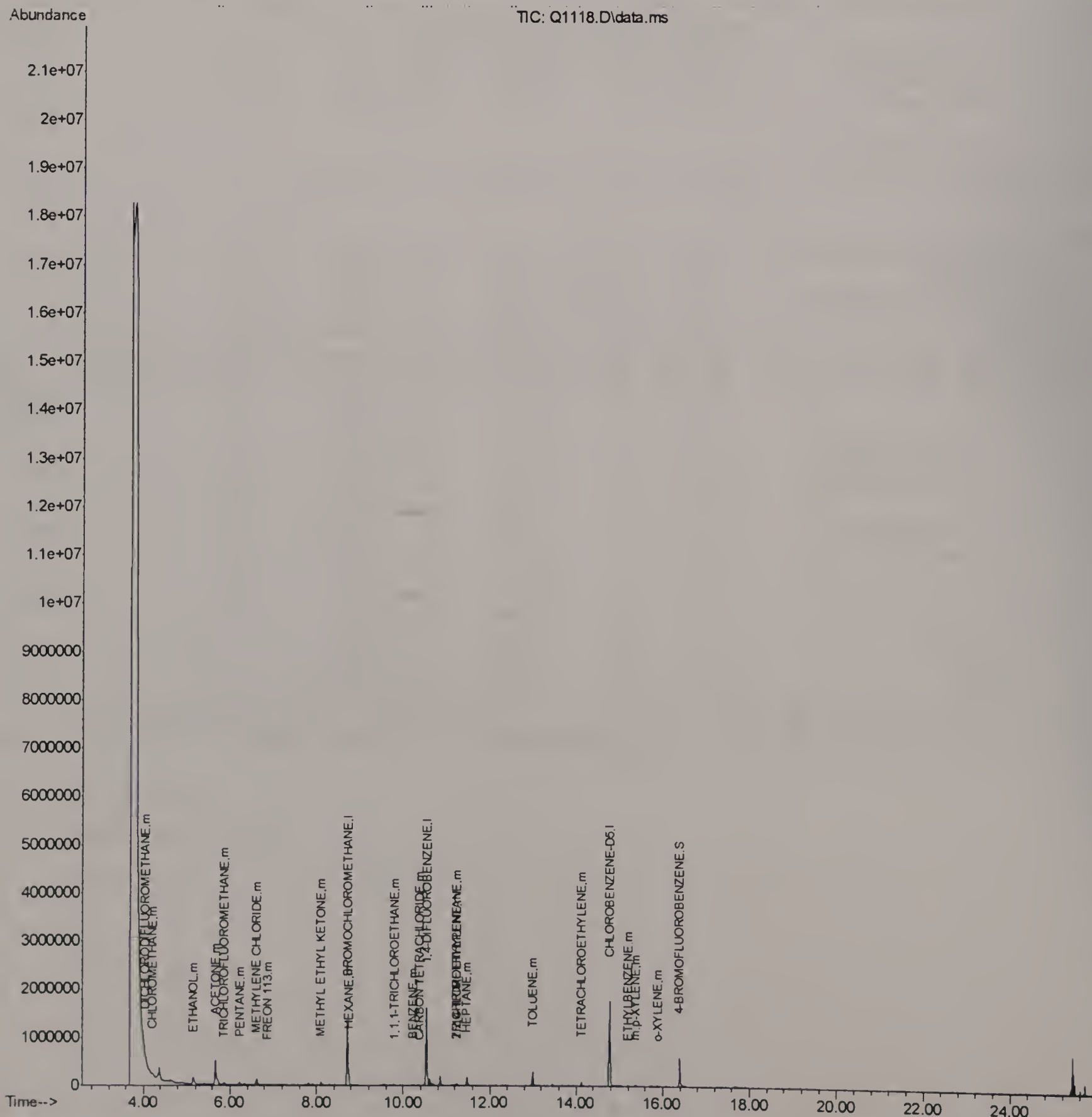
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	57871	0.56	PPBV	98
5) CHLOROMETHANE	4.205	50	31173	0.66	PPBV	94
10) TRICHLOROFLUOROMETHANE	5.863	101	43727	0.42	PPBV	84
12) ACETONE	5.657	43	805526	10.98	PPBV	100
13) PENTANE	6.218	42	27420	0.60	PPBV	96
16) ETHANOL	5.150	45	192264	13.69	PPBV	97
18) METHYLENE CHLORIDE	6.610	84	34893	1.56	PPBV	90
20) FREON 113	6.875	151	3167	0.10	PPBV #	82
25) HEXANE	8.738	57	29883	0.63	PPBV	90
28) METHYL ETHYL KETONE	8.101	43	100792	1.52	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.783	97	10186	0.21	PPBV #	80
33) CARBON TETRACHLORIDE	10.357	117	5820	0.11	PPBV	96
36) BENZENE	10.222	78	20901	0.44	PPBV	98
38) TRICHLOROETHYLENE	11.219	95	4210	0.17	PPBV #	79
41) 2,2,4-TRIMETHYLPENTANE	11.237	57	26062	0.17	PPBV #	78
43) HEPTANE	11.475	43	63613	0.99	PPBV	99
46) TOLUENE	12.989	92	74078	3.07	PPBV	97
51) TETRACHLOROETHYLENE	14.116	164	10008	0.80	PPBV	99
55) ETHYLBENZENE	15.191	91	9798	0.75	PPBV	94
56) m,p-XYLENE	15.379	106	9986m	1.61	PPBV	
57) o-XYLENE	15.882	106	3444	0.75	PPBV #	1

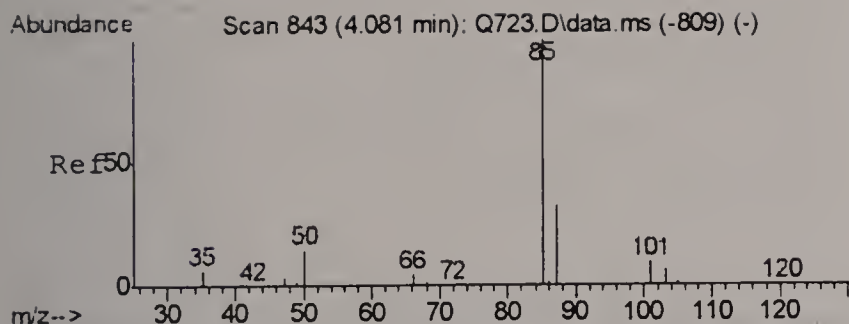
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1118.D
 Acq On : 19 Jul 2006 11:57 pm
 Operator : DougY
 Sample : M57573-13 (M046)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

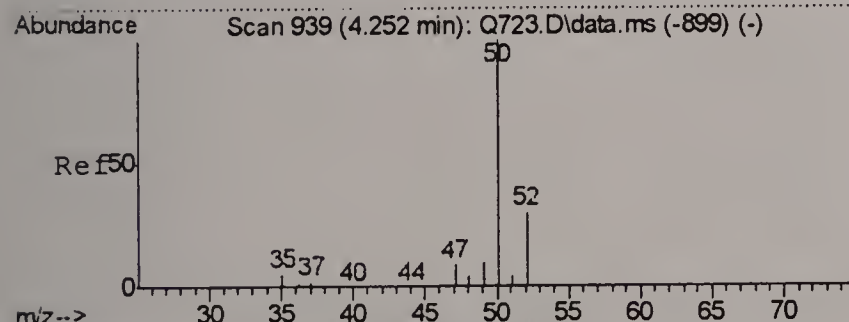
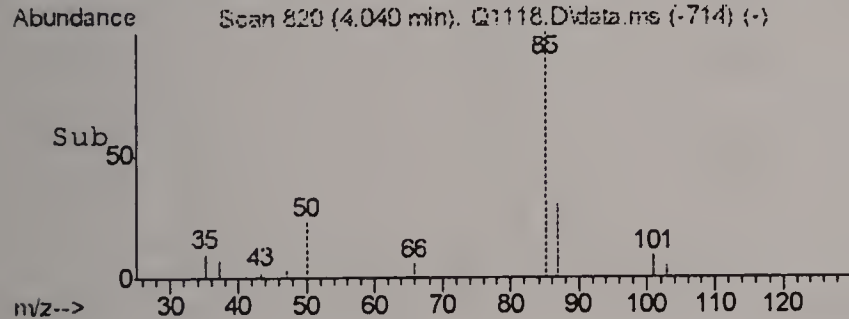
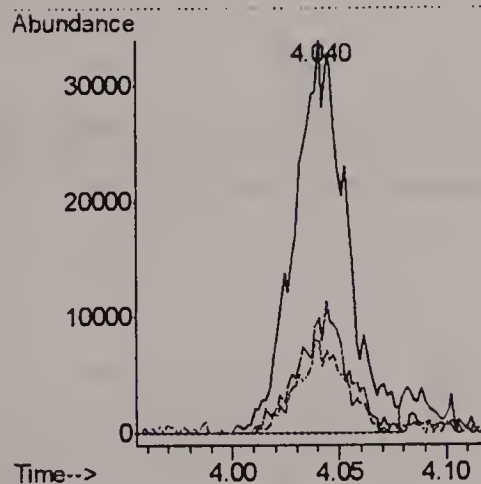
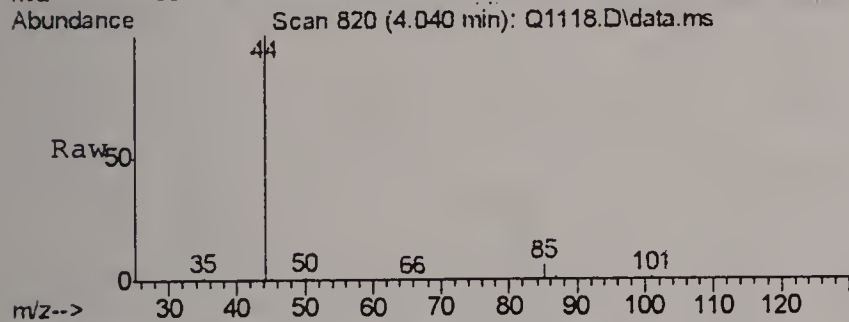
Quant Time: Jul 20 09:58:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





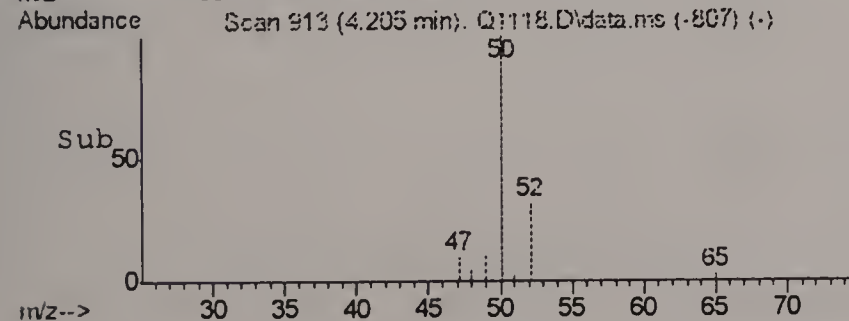
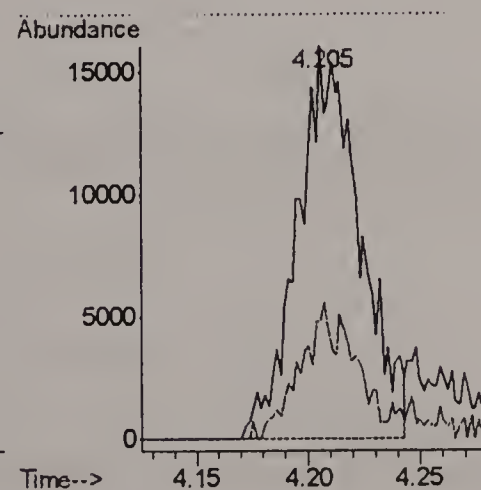
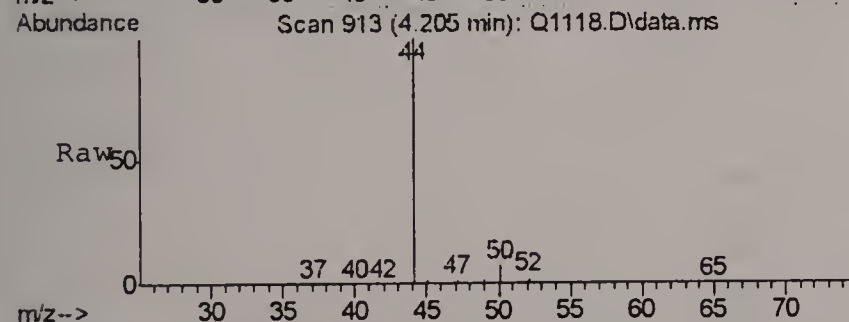
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.56 PPBV
 RT: 4.040 min Scan# 820
 Delta R.T. -0.018 min
 Lab File: Q1118.D
 Acq: 19 Jul 2006 11:57 pm

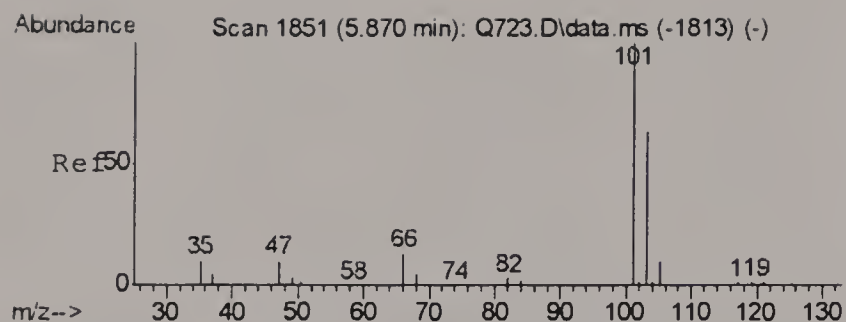
Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	12.1	52.1
50	22.0	1.6	41.6



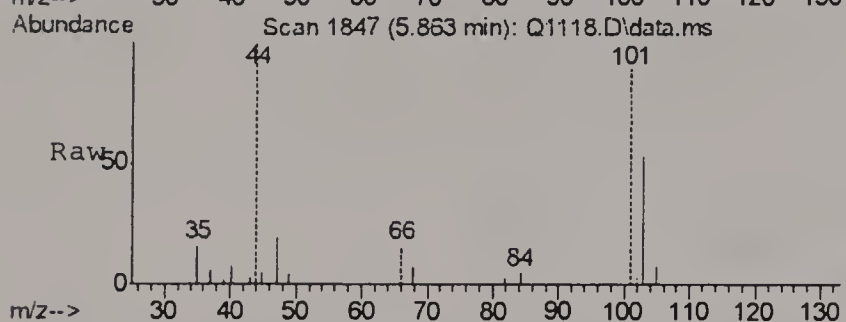
#5
 CHLOROMETHANE
 Concen: 0.66 PPBV
 RT: 4.205 min Scan# 913
 Delta R.T. -0.018 min
 Lab File: Q1118.D
 Acq: 19 Jul 2006 11:57 pm

Tgt Ion	Ratio	Lower	Upper
50	100		
52	30.2	7.1	47.1

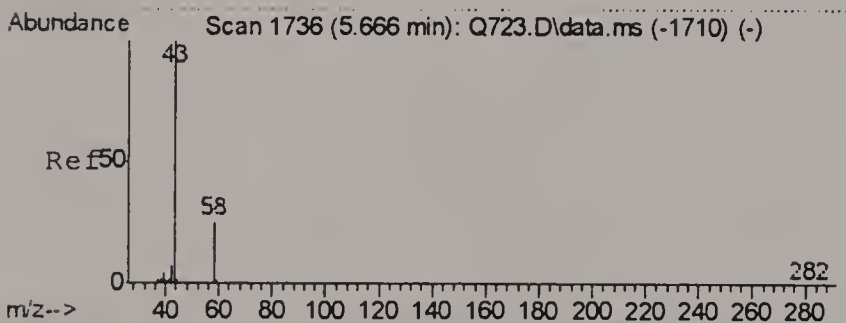
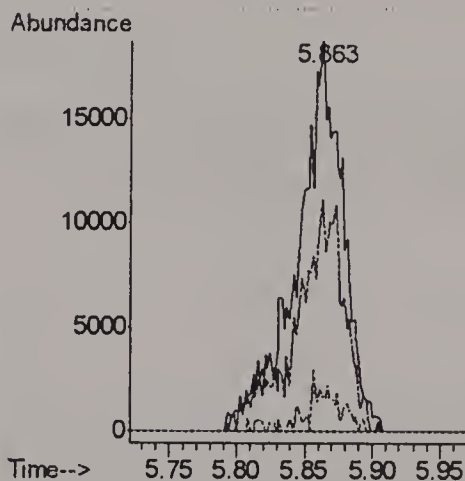
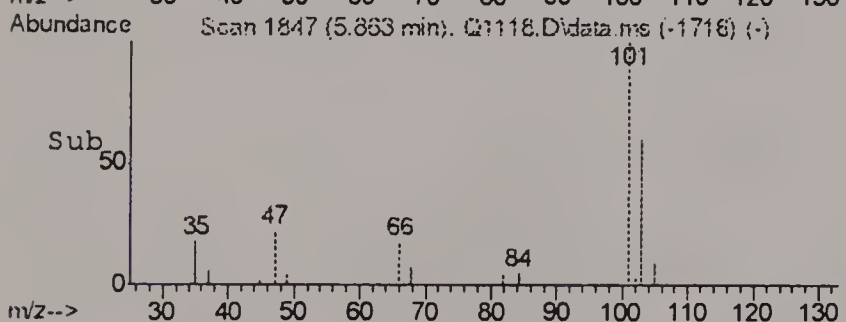




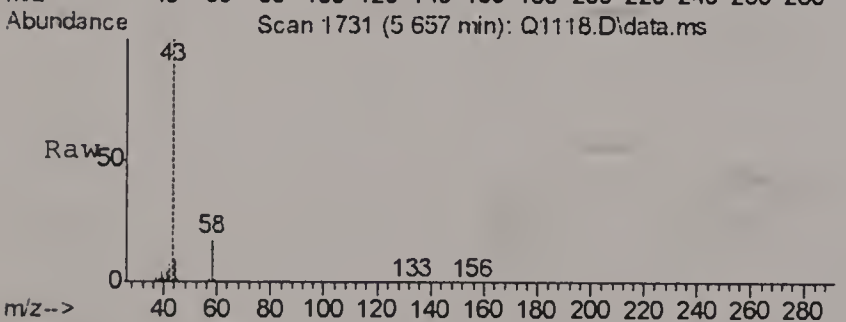
#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.42 PPBV
 RT: 5.863 min Scan# 1847
 Delta R.T. 0.027 min
 Lab File: Q1118.D
 Acq: 19 Jul 2006 11:57 pm



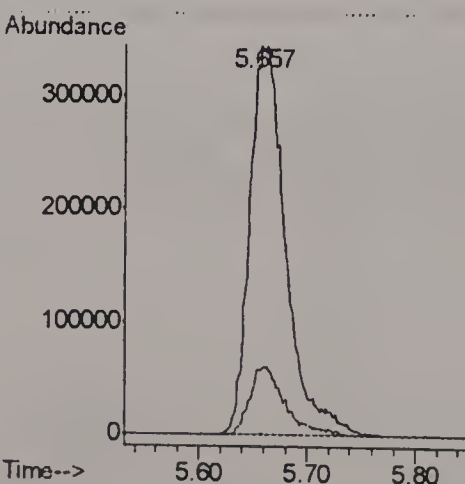
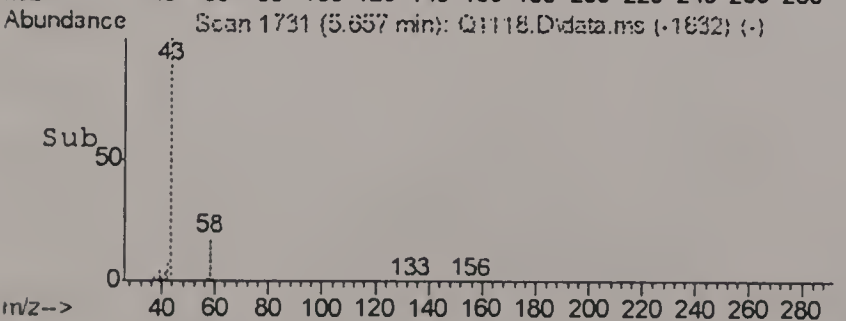
Tgt Ion: 101 Resp: 43727
 Ion Ratio Lower Upper
 101 100
 103 51.3 44.2 84.2
 105 3.9 0.0 30.2

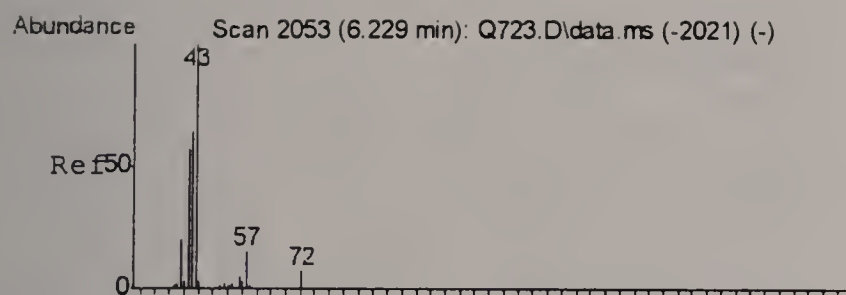


#12
 ACETONE
 Concen: 10.98 PPBV
 RT: 5.657 min Scan# 1731
 Delta R.T. 0.021 min
 Lab File: Q1118.D
 Acq: 19 Jul 2006 11:57 pm



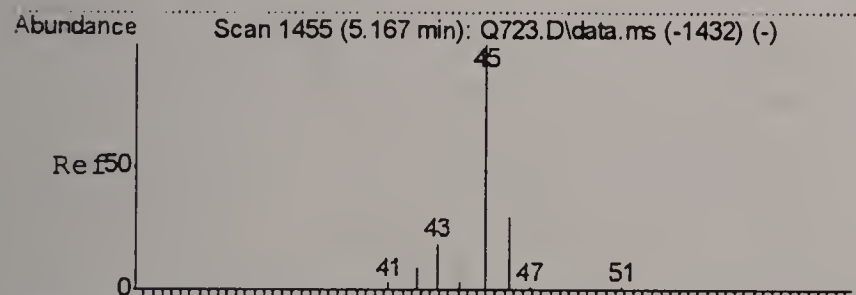
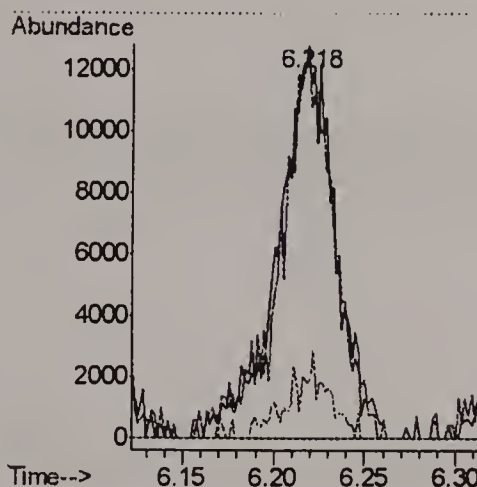
Tgt Ion: 43 Resp: 805526
 Ion Ratio Lower Upper
 43 100
 58 17.5 0.0 37.4





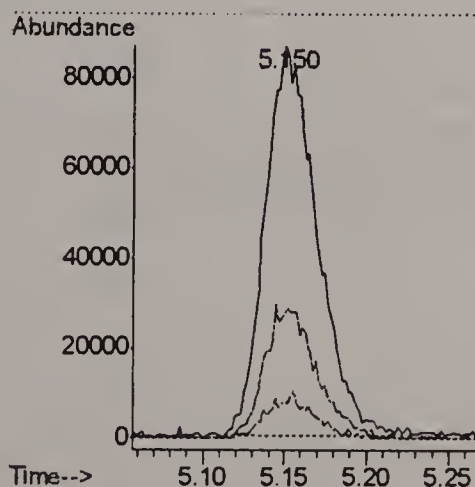
#13
PENTANE
Concen: 0.60 PPBV
RT: 6.218 min Scan# 2047
Delta R.T. 0.025 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

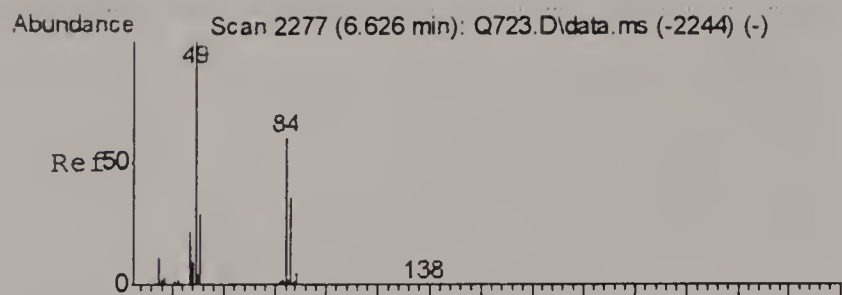
Tgt Ion	Ratio	Lower	Upper
42	100		
41	96.7	80.1	120.1
57	14.7	0.0	37.8



#16
ETHANOL
Concen: 13.69 PPBV
RT: 5.150 min Scan# 1445
Delta R.T. 0.016 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

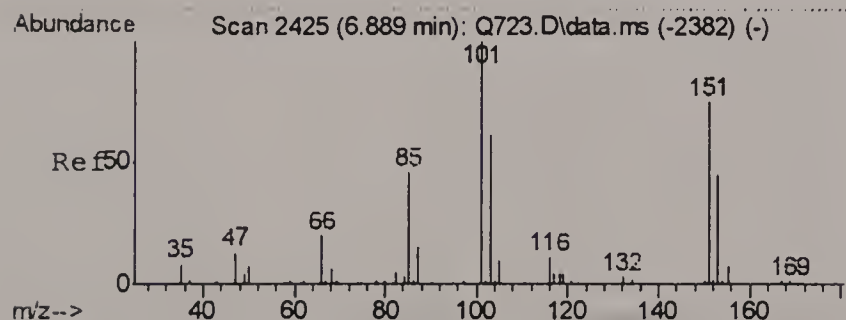
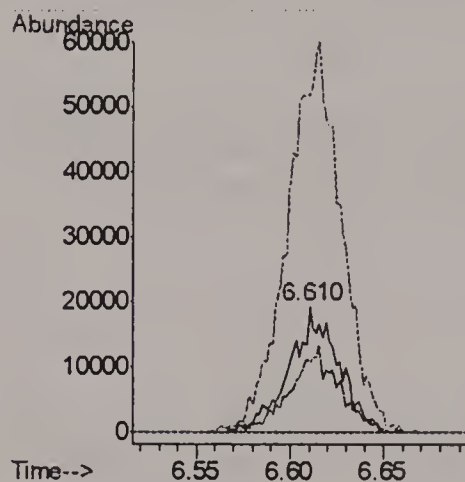
Tgt Ion	Ratio	Lower	Upper
45	100		
46	34.1	13.2	53.2
42	10.7	0.0	26.3





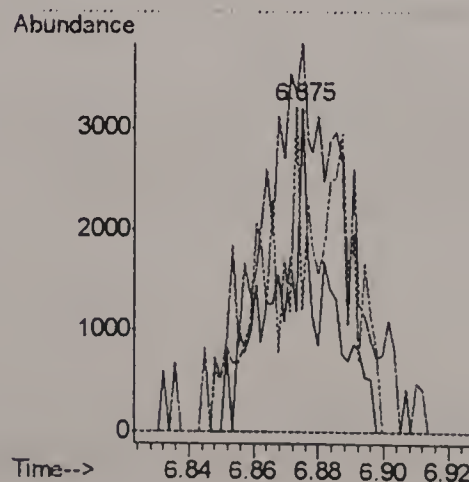
#18
METHYLENE CHLORIDE
Concen: 1.56 PPBV
RT: 6.610 min Scan# 2268
Delta R.T. 0.018 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

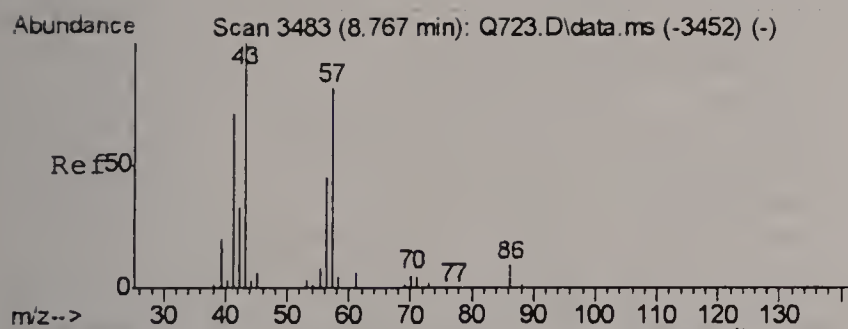
Tgt Ion: 84 Resp: 34893
Ion Ratio Lower Upper
84 100
86 67.9 44.2 84.2
49 342.9 119.3 519.3



#20
FREON 113
Concen: 0.10 PPBV
RT: 6.875 min Scan# 2417
Delta R.T. 0.019 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

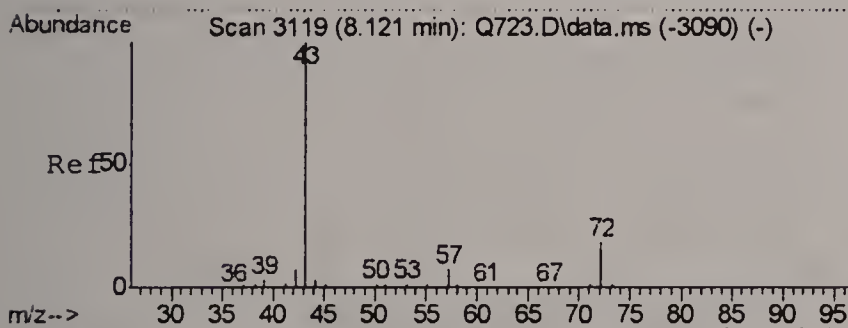
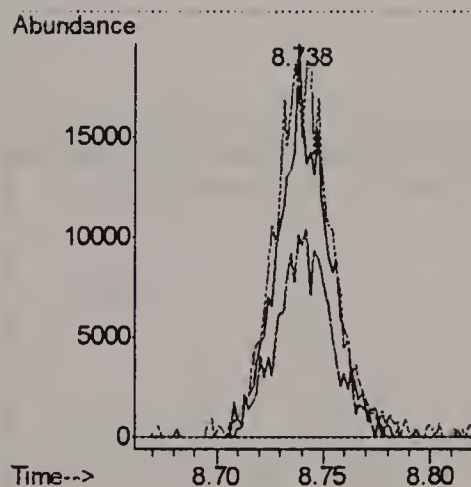
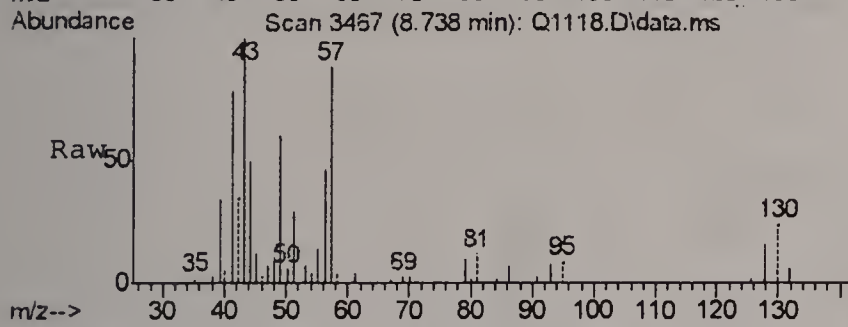
Tgt Ion: 151 Resp: 3167
Ion Ratio Lower Upper
151 100
101 214.5 165.1 205.1#
103 102.7 98.2 138.2





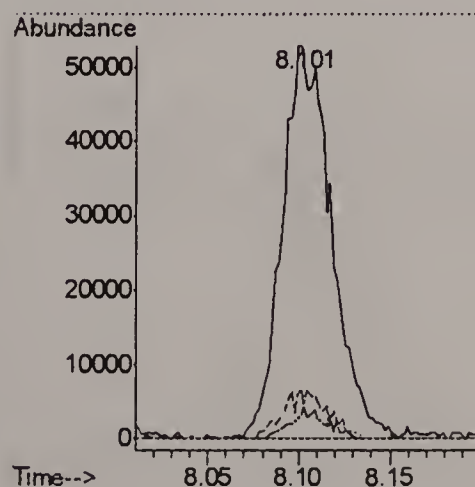
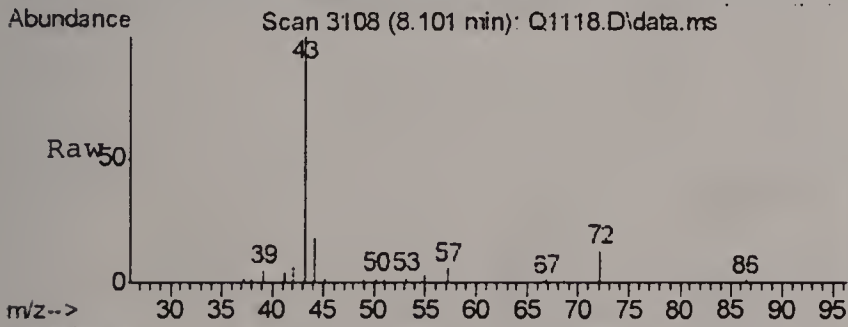
#25
HEXANE
Concen: 0.63 PPBV
RT: 8.738 min Scan# 3467
Delta R.T. 0.007 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

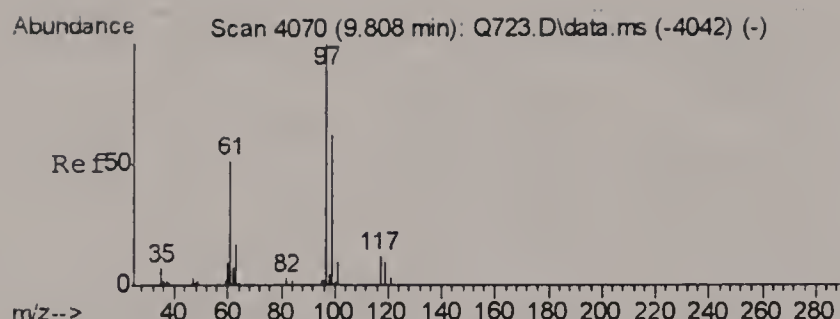
Tgt Ion	Ratio	Lower	Upper
57	100		
56	60.8	38.6	78.6
41	118.2	84.1	124.1



#28
METHYL ETHYL KETONE
Concen: 1.52 PPBV
RT: 8.101 min Scan# 3108
Delta R.T. 0.014 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

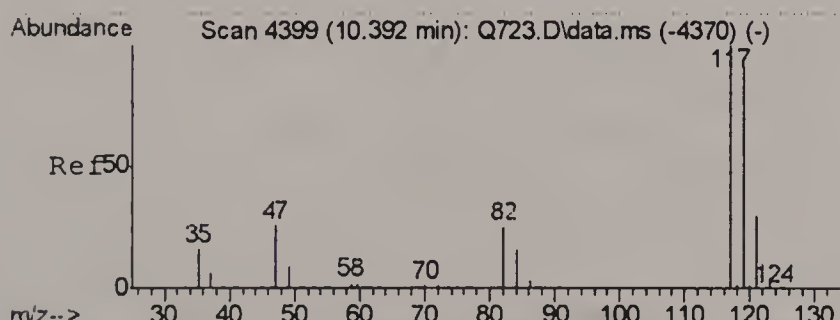
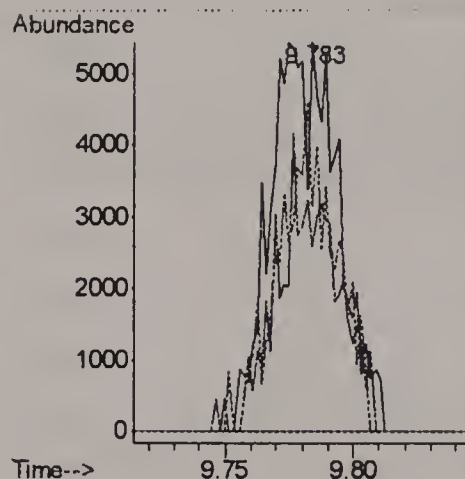
Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.3	0.0	26.0
72	13.1	0.0	31.5





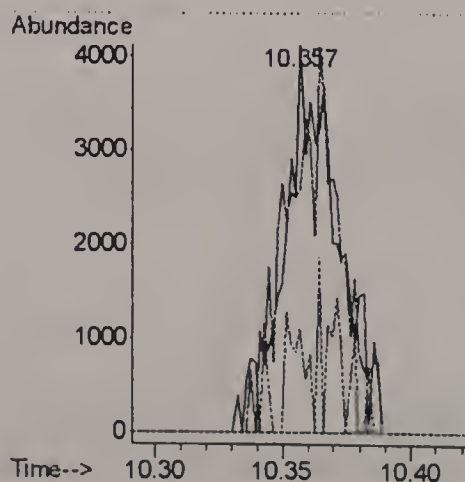
#32
1,1,1-TRICHLOROETHANE
Concen: 0.21 PPBV
RT: 9.783 min Scan# 4056
Delta R.T. 0.011 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

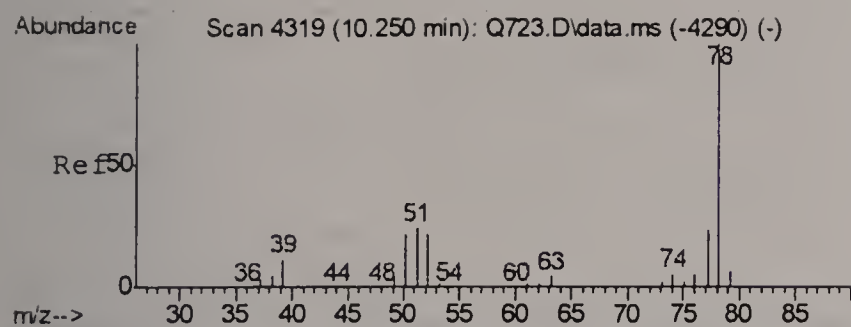
Tgt Ion	Resp	Ion Ratio	Lower	Upper
97	10186	100		
99	33.0	43.5	83.5#	
61	67.4	48.9	88.9	



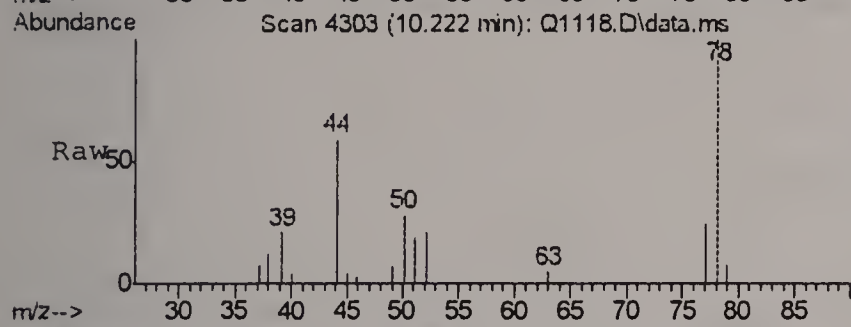
#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.357 min Scan# 4379
Delta R.T. 0.004 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

Tgt Ion	Resp	Ion Ratio	Lower	Upper
117	5820	100		
119	98.8	74.9	114.9	
121	26.3	9.3	49.3	

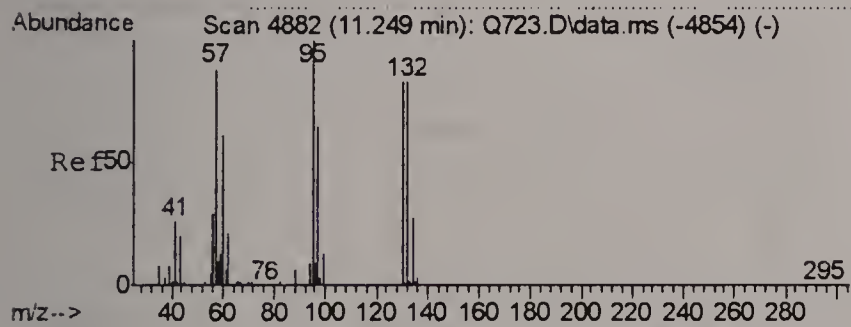
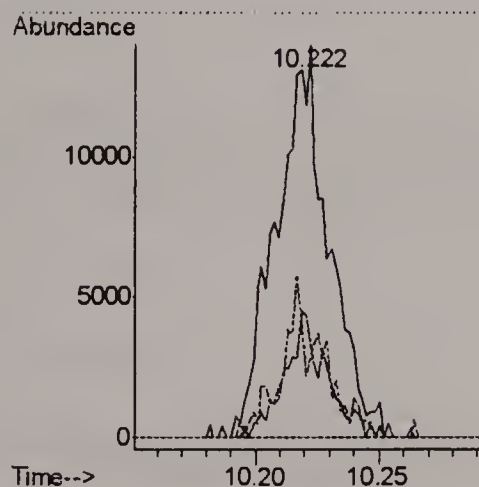
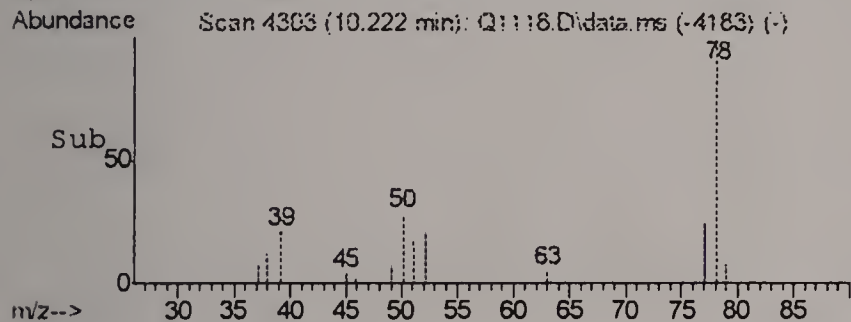




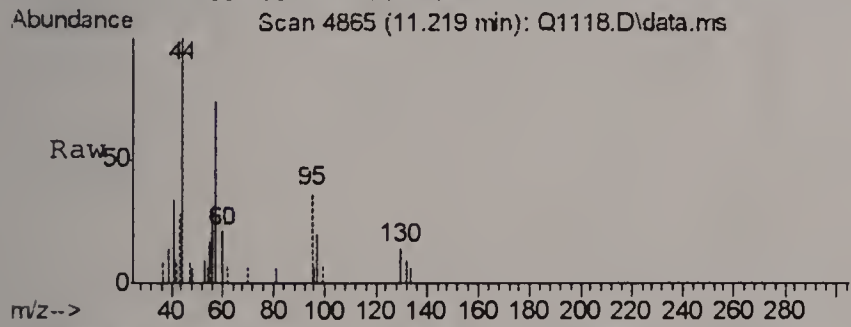
#36
 BENZENE
 Concen: 0.44 PPBV
 RT: 10.222 min Scan# 4303
 Delta R.T. 0.007 min
 Lab File: Q1118.D
 Acq: 19 Jul 2006 11:57 pm



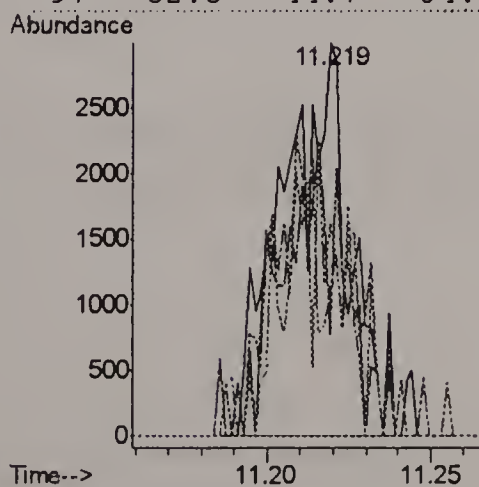
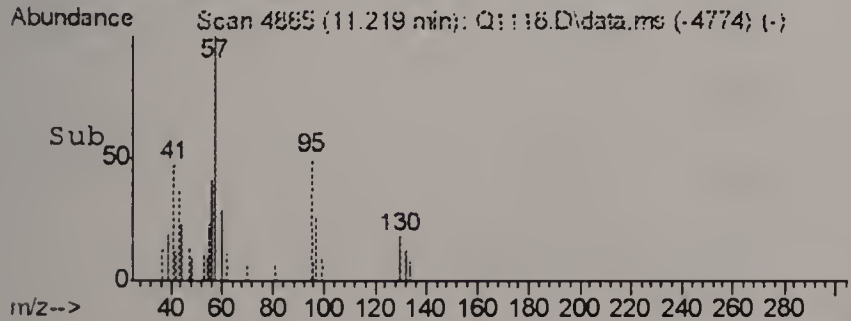
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	4.3	44.3
52	29.6	10.0	50.0

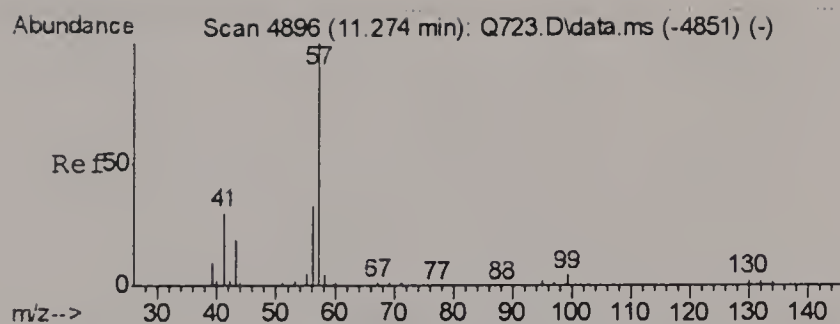


#38
 TRICHLOROETHYLENE
 Concen: 0.17 PPBV
 RT: 11.219 min Scan# 4865
 Delta R.T. 0.007 min
 Lab File: Q1118.D
 Acq: 19 Jul 2006 11:57 pm



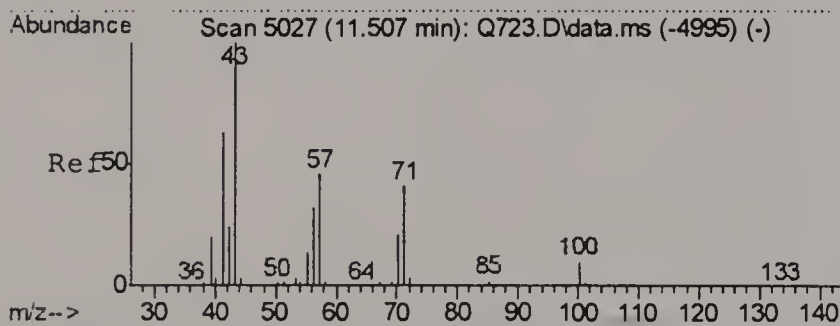
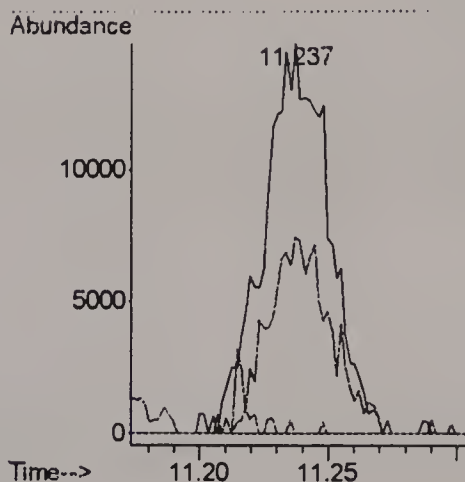
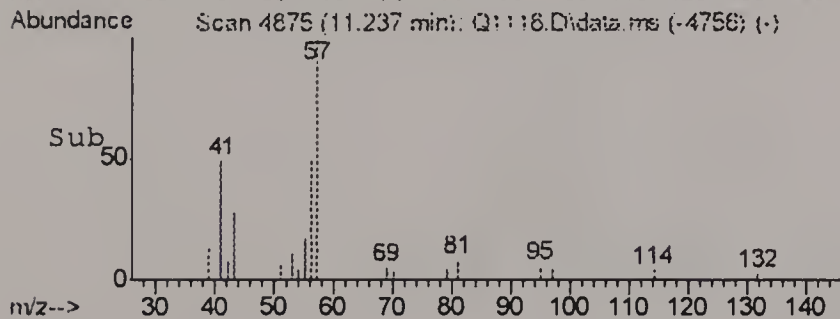
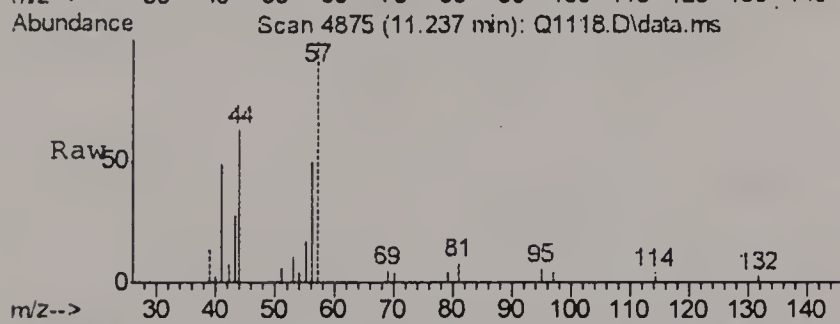
Tgt Ion	Ratio	Lower	Upper
95	100		
132	69.1	44.9	84.9
130	52.7	46.3	86.3
97	32.3	44.7	84.7





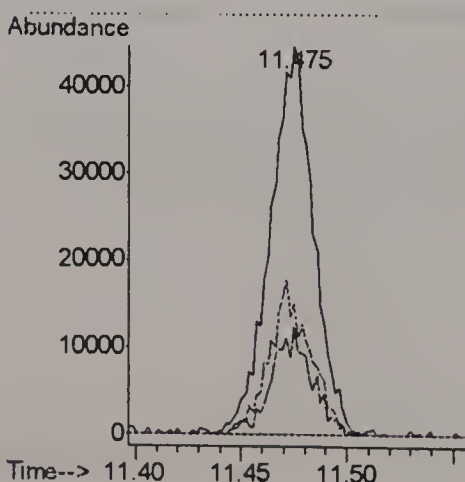
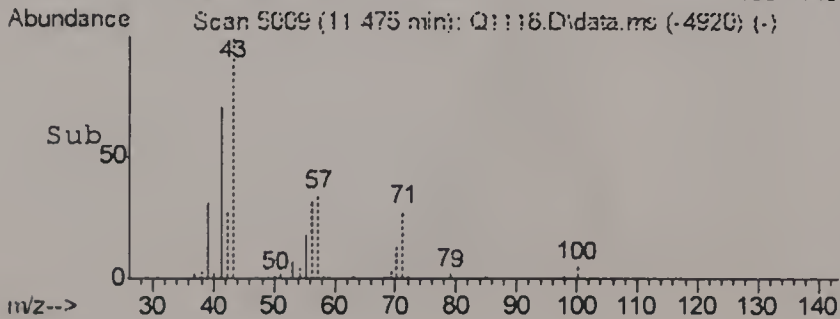
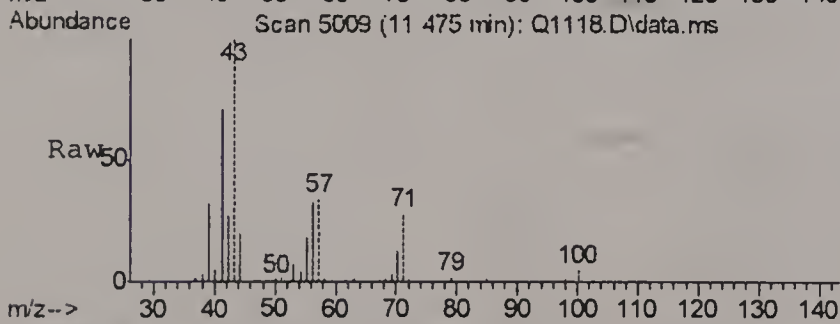
#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.17 PPBV
RT: 11.237 min Scan# 4875
Delta R.T. 0.005 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

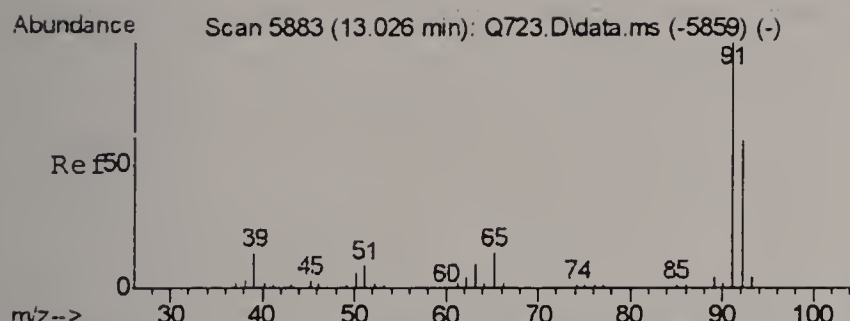
Tgt Ion	Resp	Lower	Upper
57	100		
56	47.5	14.1	54.1
99	0.0	0.0	23.8



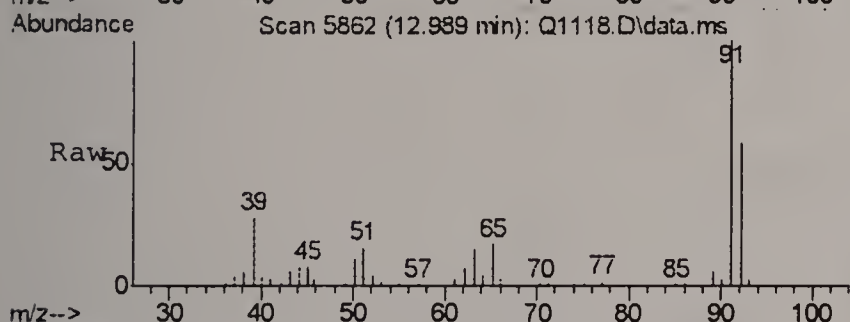
#43
HEPTANE
Concen: 0.99 PPBV
RT: 11.475 min Scan# 5009
Delta R.T. 0.004 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

Tgt Ion	Resp	Lower	Upper
43	100		
71	25.7	5.6	45.6
57	37.1	18.2	58.2

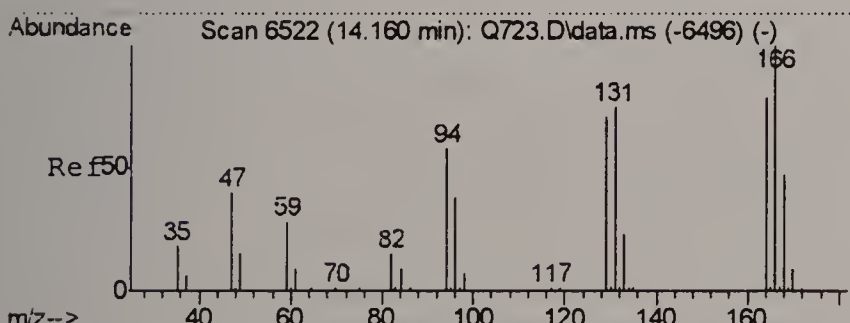
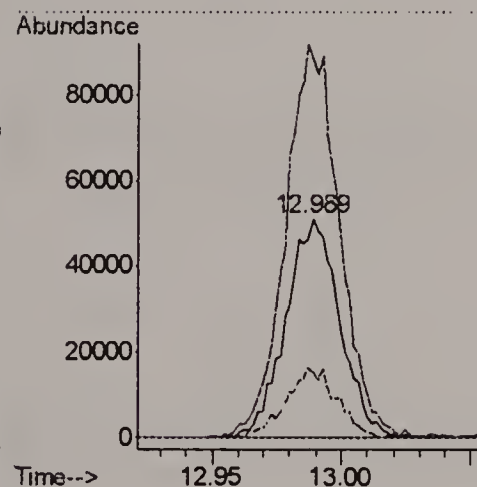
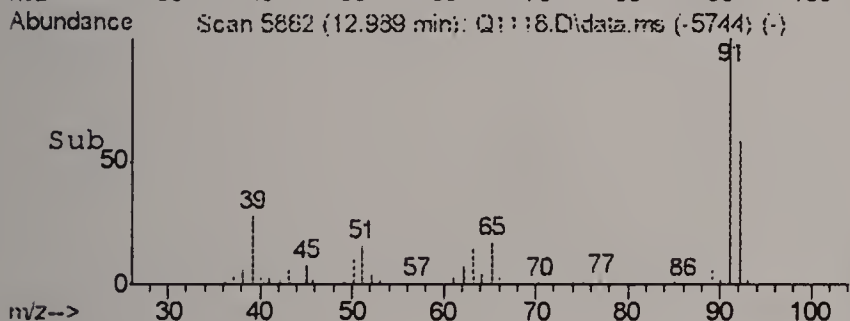




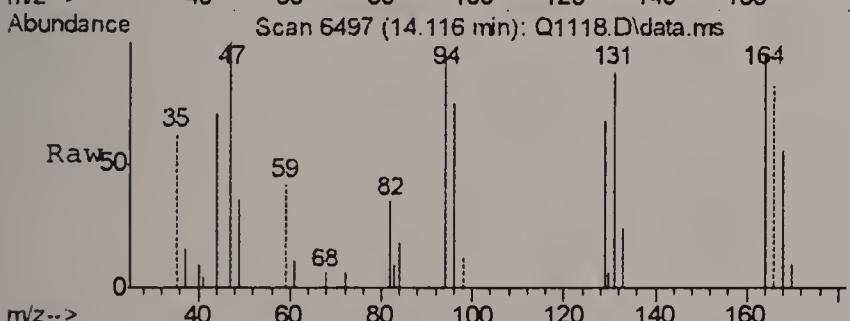
#46
TOLUENE
Concen: 3.07 PPBV
RT: 12.989 min Scan# 5862
Delta R.T. 0.003 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm



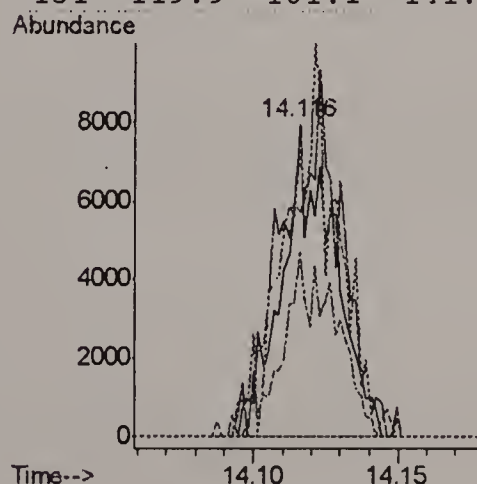
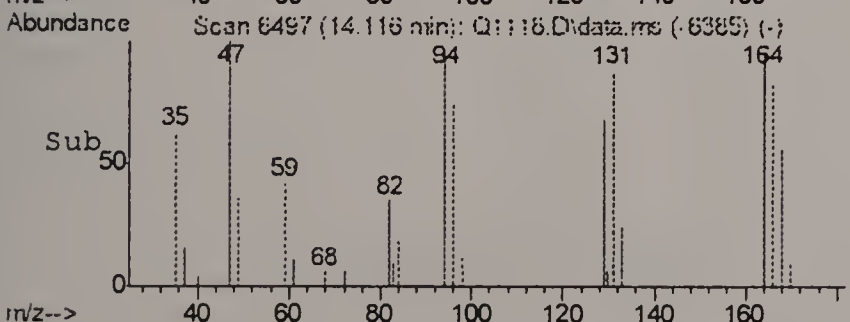
Tgt Ion	Ratio	Lower	Upper
92	100		
91	180.5	156.4	196.4
65	30.1	10.3	50.3

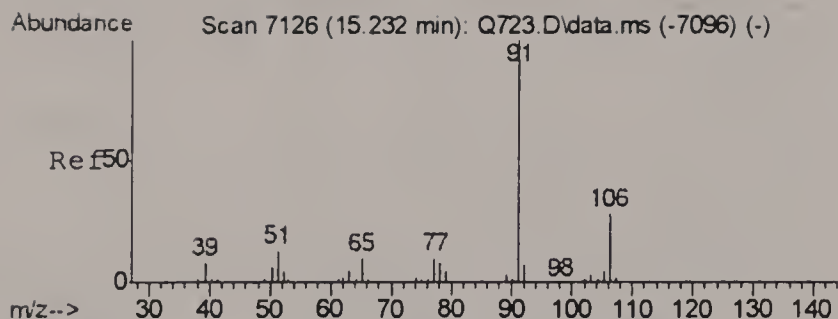


#51
TETRACHLOROETHYLENE
Concen: 0.80 PPBV
RT: 14.116 min Scan# 6497
Delta R.T. -0.007 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

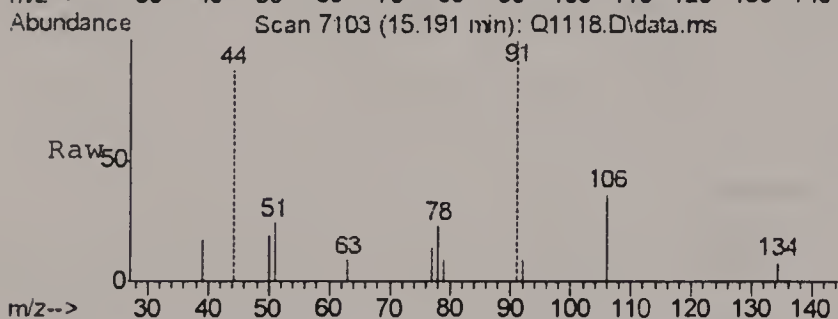


Tgt Ion	Ratio	Lower	Upper
164	100		
129	123.2	102.5	142.5
168	59.6	39.4	79.4
131	119.9	101.1	141.1

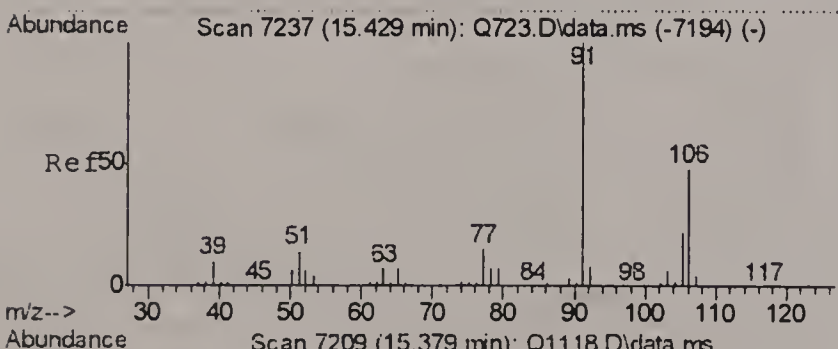
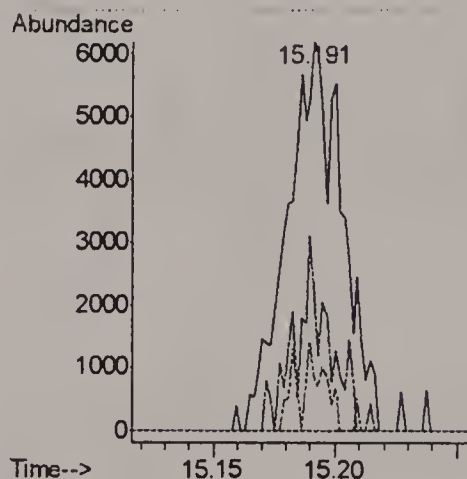
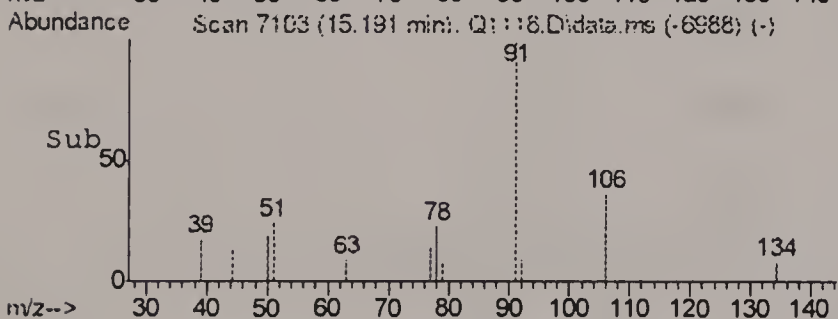




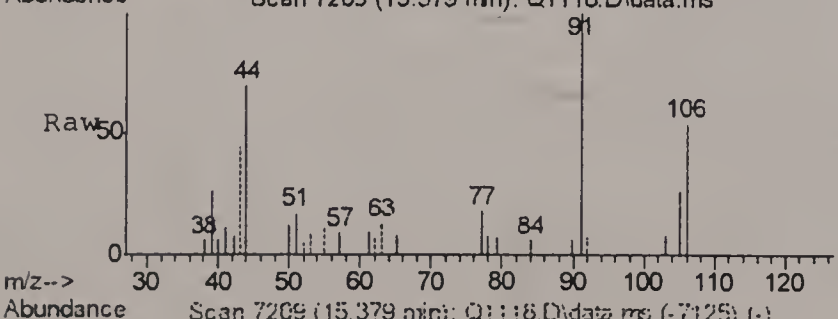
#55
ETHYLBENZENE
Concen: 0.75 PPBV
RT: 15.191 min Scan# 7103
Delta R.T. -0.003 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm



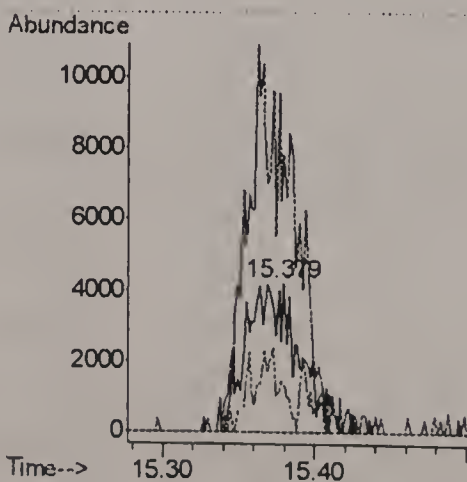
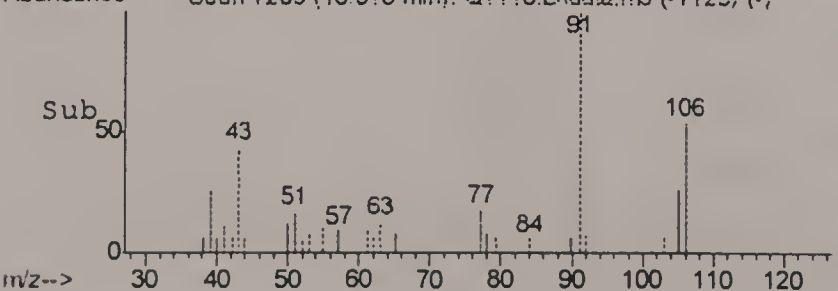
Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.0	5.2	45.2
77	10.7	0.0	31.7

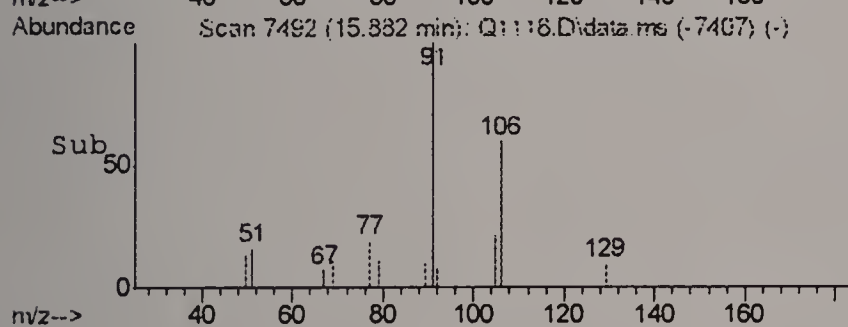
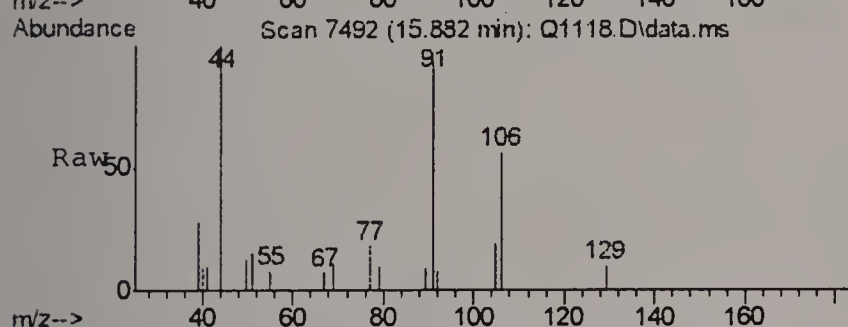
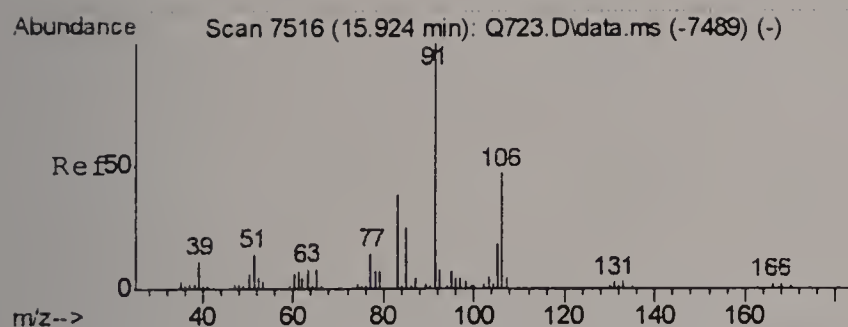


#56
m,p-XYLENE
Concen: 1.61 PPBV m
RT: 15.379 min Scan# 7209
Delta R.T. -0.007 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm



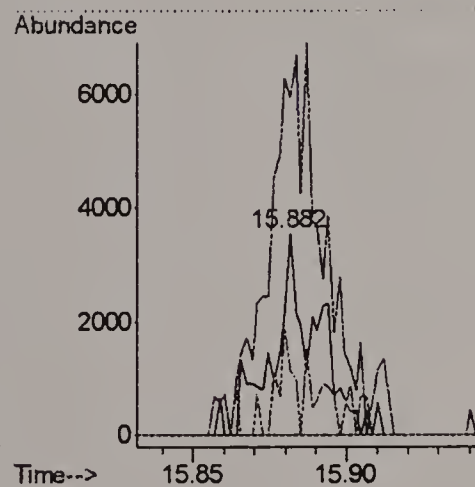
Tgt Ion	Ratio	Lower	Upper
106	100		
91	185.2	176.7	265.1
77	34.2	31.4	47.2





#57
o-XYLENE
Concen: 0.75 PPBV
RT: 15.882 min Scan# 7492
Delta R.T. -0.003 min
Lab File: Q1118.D
Acq: 19 Jul 2006 11:57 pm

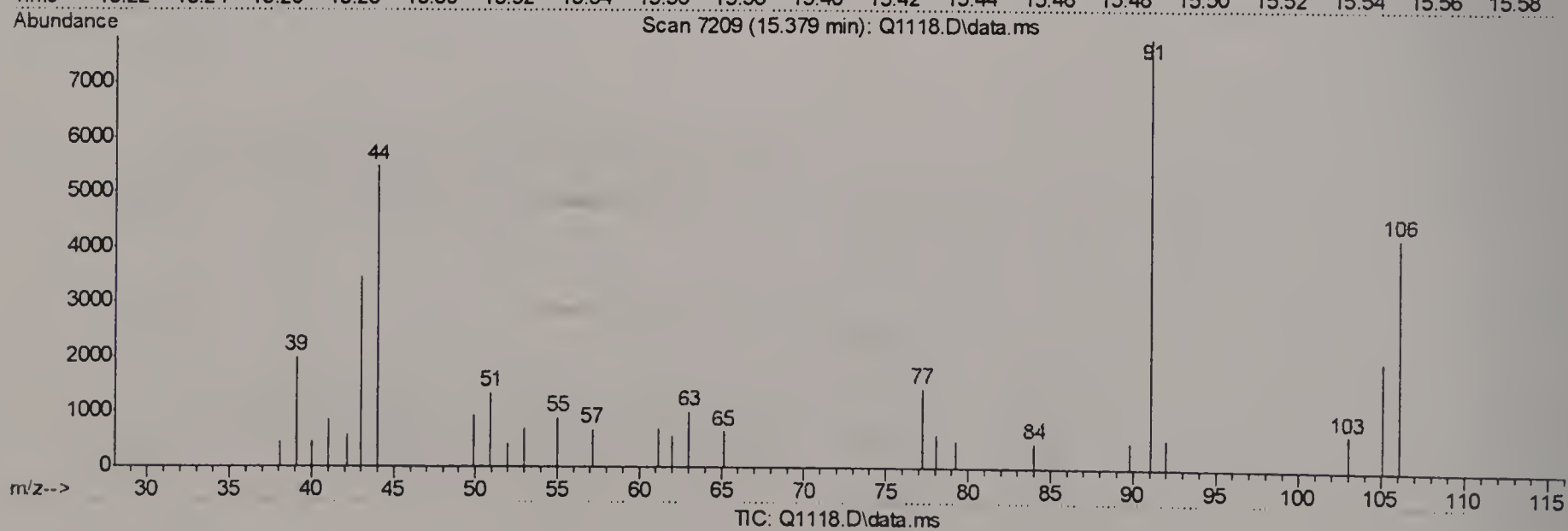
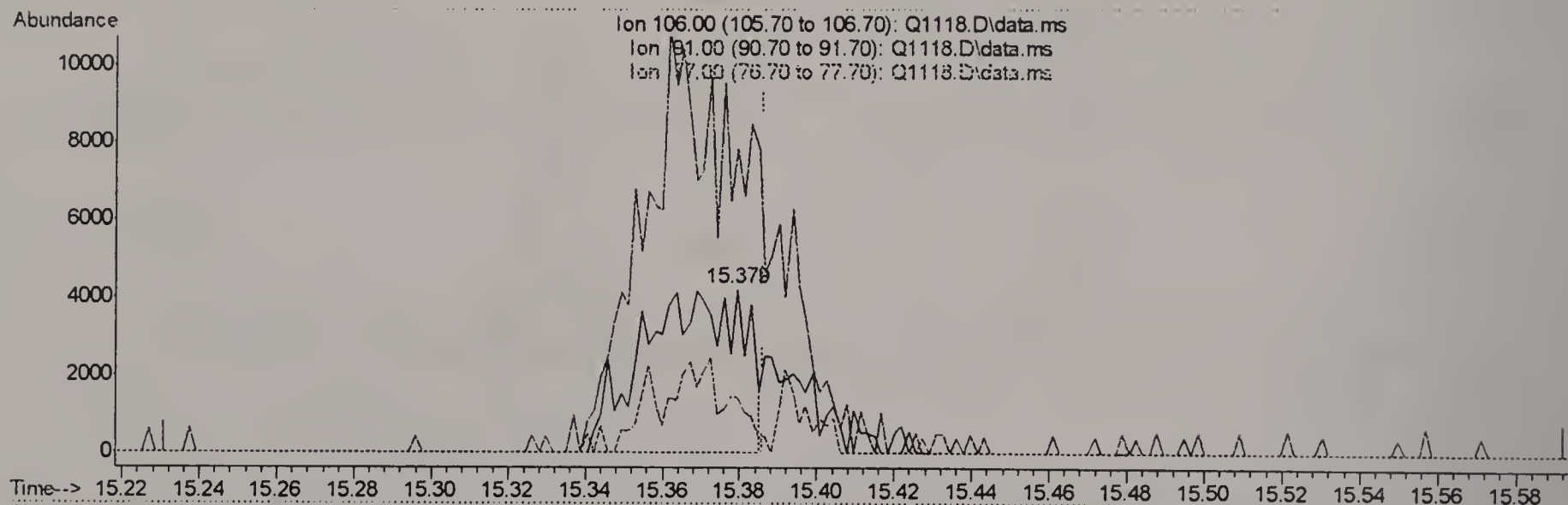
Tgt Ion	Ratio	Lower	Upper
106	100		
91	0.0	236.1	276.1#
77	18.1	22.0	62.0#



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1118.D
 Acq On : 19 Jul 2006 11:57 pm
 Operator : DougY
 Sample : M57573-13 (M046)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 08:27:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.379min (-0.007) 1.47PPBV

response 7502

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	185.15
77.00	39.30	34.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1119.D
 Acq On : 20 Jul 2006 12:41 am
 Operator : DougY
 Sample : M57573-14 (M074)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 09:59:04 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.690	128	139312	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.520	114	694482	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.765	117	479580	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	132426	3.66	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	73.20%

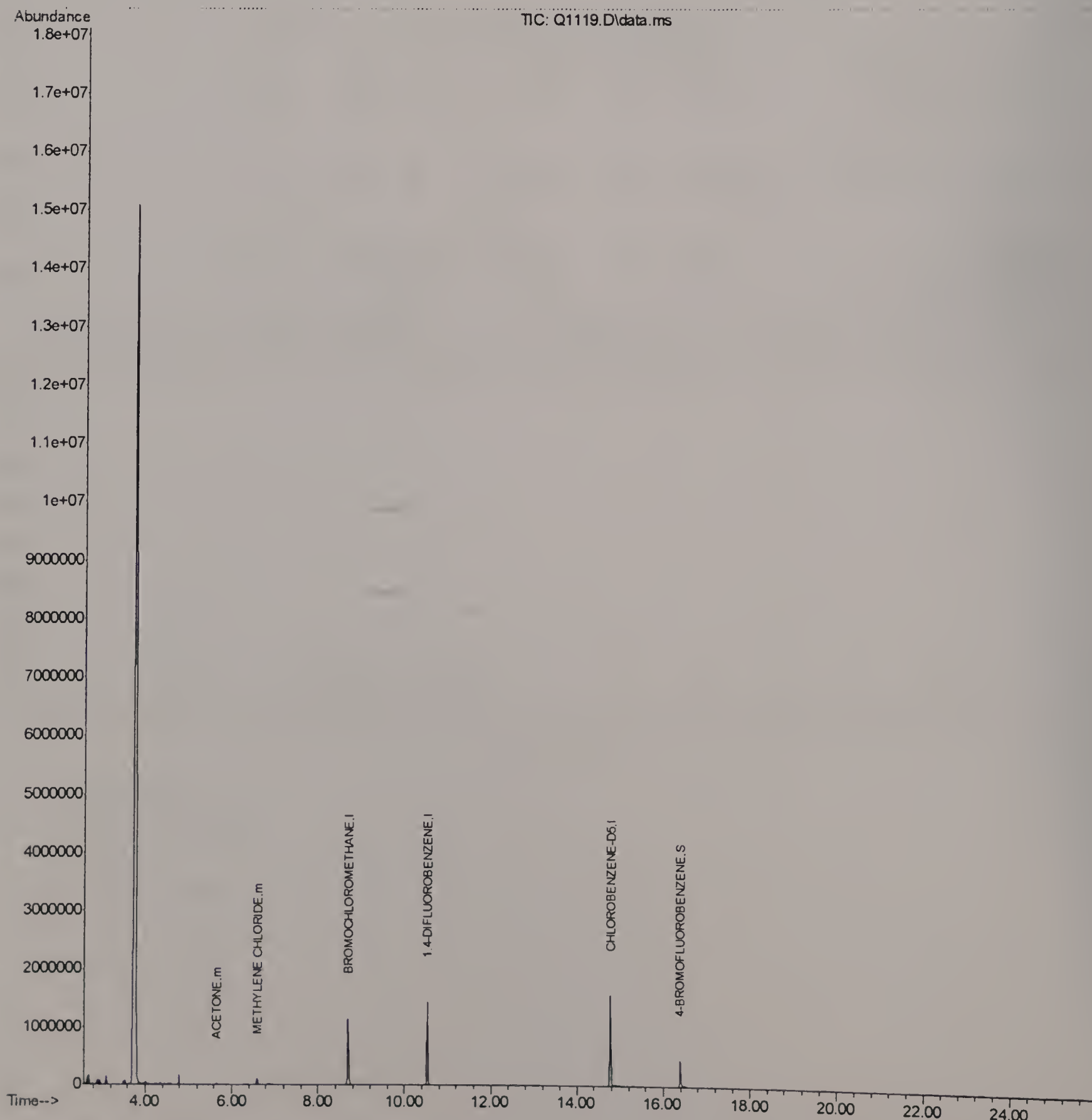
Target Compounds					Qvalue
12) ACETONE	5.643	43	36390	0.66	PPBV 97
18) METHYLENE CHLORIDE	6.594	84	27733	1.64	PPBV 93

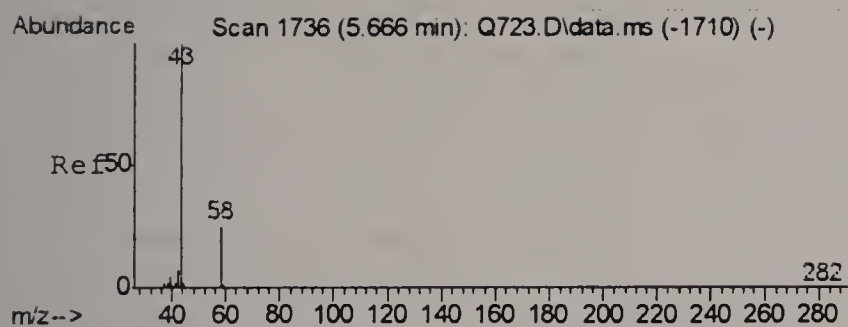
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1119.D
 Acq On : 20 Jul 2006 12:41 am
 Operator : DougY
 Sample : M57573-14 (M074)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

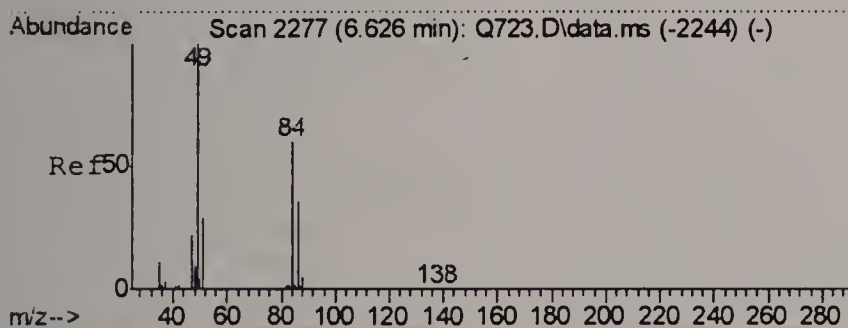
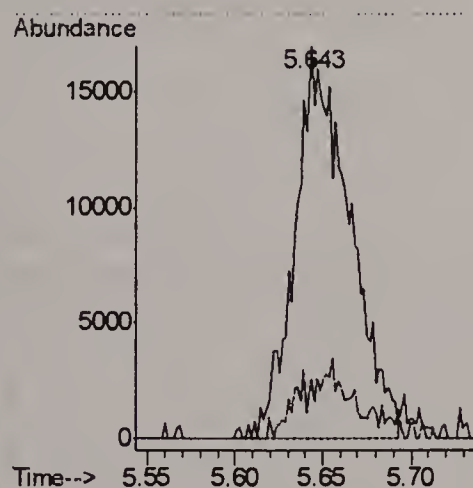
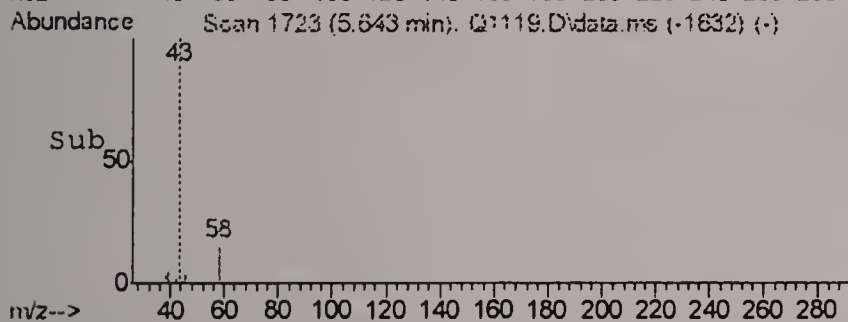
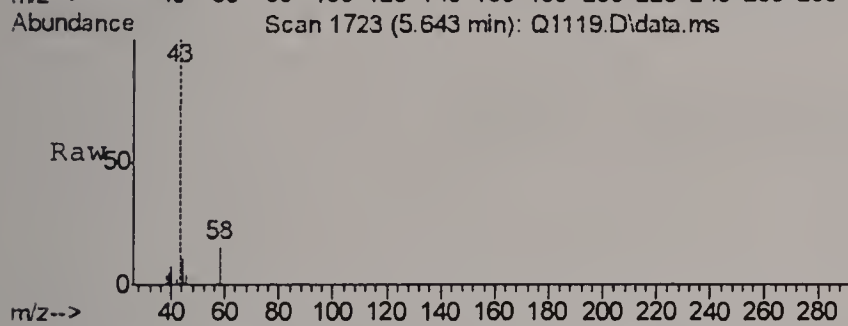
Quant Time: Jul 20 09:59:04 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





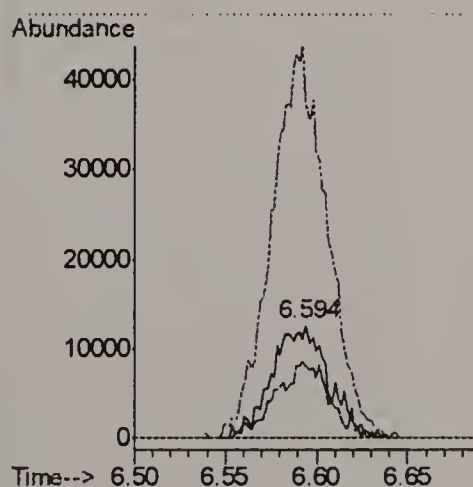
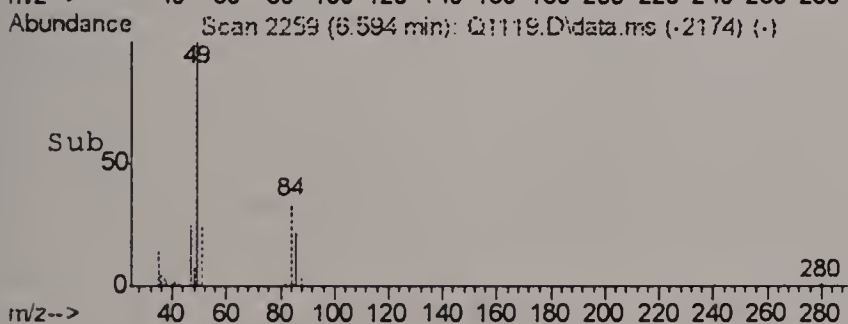
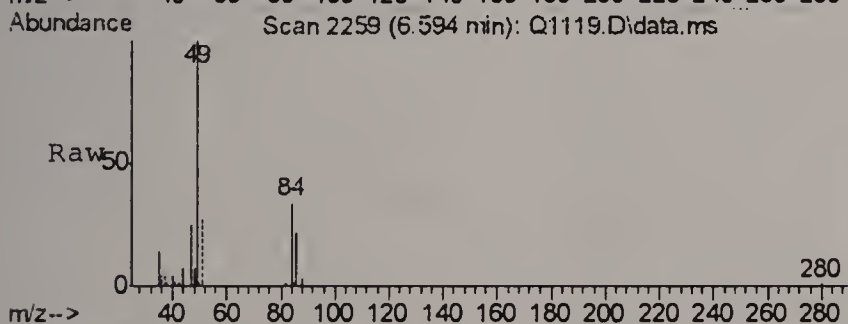
#12
 ACETONE
 Concen: 0.66 PPBV
 RT: 5.643 min Scan# 1723
 Delta R.T. 0.007 min
 Lab File: Q1119.D
 Acq: 20 Jul 2006 12:41 am

Tgt Ion: 43 Resp: 36390
 Ion Ratio Lower Upper
 43 100
 58 16.2 0.0 37.4



#18
 METHYLENE CHLORIDE
 Concen: 1.64 PPBV
 RT: 6.594 min Scan# 2259
 Delta R.T. 0.002 min
 Lab File: Q1119.D
 Acq: 20 Jul 2006 12:41 am

Tgt Ion: 84 Resp: 27733
 Ion Ratio Lower Upper
 84 100
 86 64.4 44.2 84.2
 49 336.7 119.3 519.3



Initial Calibration Data

$$\frac{70 - 15}{\text{(Test)}}$$

Initial Calibration Summary

Page 1 of 2

Job Number: M57573
 Account: GEI GEI Consultants, Inc.
 Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ57-ICC57
 Lab FileID: Q1089.D

Response Factor Report MAMSQ

Method Path : C:\msdchem\1\METH00S\
 Method File : Q071806T.m
 Title : T015 by GCMS w/D8-1 60 m X .25 mm ID 1.0 um
 Last Update : Thu Jul 20 08:14:57 2006
 Response Via : Initial Calibration

Calibration Files

.2 =Q1095.D 1 =Q1093.0 2 =Q1092.D 5 =Q1091.D 10 =Q1089.D 20 =Q1090.D 7.5 =Q1096.D .5 =Q1094.D

Compound	.2	1	2	5	10	20	7.5	.5	Avg	%RSD

1) I BROMOCHLOROMETHANE	----- ISTD-----									
2) m DICHLOROIFLUO...		6.630	5.197	4.209	5.950	5.308	6.039	5.779	5.587	13.84
3) m PROPYLENE		2.190	1.751	1.524	2.030	1.931	2.146	1.827	1.914	12.26
4) m FREON 114		5.892	4.707	3.635	5.075	4.890	5.242	4.799	4.891	13.91
5) m CHLOROMETHANE	2.818	3.248	2.479	1.883	2.561	2.290	2.709	2.526	2.564	15.47
6) m VINYL CHLORIDE	1.384	2.166	1.712	1.391	1.830	1.734	1.948	1.673	1.730	15.23
7) m 1,3-BUTADIENE		2.483	2.055	1.700	2.442	2.213	2.498	1.809	2.171	15.10
8) m BROMOMETHANE		1.454	1.255	0.971	1.302	1.245	1.378	0.990	1.228	14.97
9) m CHLOROETHANE		0.879	0.730	0.574	0.792	0.748	0.832	0.540	0.728	17.49
10) m TRICHLOROFLUOR...		6.672	5.443	4.121	6.156	5.748	6.250	5.370	5.680	14.60
11) m ISOPROPYL ALCOHOL		3.723	3.115	2.423	3.156	3.161	3.533	3.295	3.201	12.80
12) m ACETONE		4.968	3.744	2.654	3.766	3.867	4.133	4.680	3.973	18.84
13) m PENTANE		3.013	2.428	1.832	2.539	2.408	2.760	2.373	2.479	14.77
14) m 1,1-DICHLOROET...	0.947	1.226	0.999	0.821	1.141	1.106	1.156	0.964	1.045	12.84
15) m CARBON DISULFIDE		4.013	3.321	2.584	3.572	3.383	3.678	3.305	3.408	12.92
16) m ETHANOL		0.956	0.763	0.550	0.705	0.705	0.765	0.882	0.761	17.26
17) m BROMOETHENE		1.165	0.991	0.814	1.073	1.071	1.107	0.862	1.012	12.87
18) m METHYLENE CHLO...		1.432	1.188	0.882	1.211	1.135	1.191	1.459	1.214	15.94
19) m 3-CHLOROPROPENE		2.174	1.815	1.511	2.480	2.324	2.472	1.607	2.055	19.83
20) m FREON 113		1.890	1.565	1.244	1.856	1.868	1.854	1.444	1.674	15.40
21) m TRANS-1,2-DICH...	0.871	1.169	0.943	0.769	1.104	1.070	1.095	0.824	0.981	15.14
22) m TERTIARY BUTYL...		3.283	2.819	2.208	3.088	1.600	3.278	2.569	2.692	23.03
23) m METHYL TERTIAR...		3.304	2.794	2.144	3.293	3.748	3.401	2.390	3.011	19.40
24) m TETRAHYOROFURAN		1.535	1.452	1.234	1.957	2.183	2.065	0.982	1.630	27.66
25) m HEXANE		3.016	2.418	1.795	2.818	2.652	2.803	2.407	2.558	15.72
26) m VINYL ACETATE		2.051	1.620	1.234	2.040	2.330	1.884	1.697	1.836	19.40
27) m 1,1-DICHLOROET...	3.115	3.371	2.775	2.280	3.739	3.499	3.671	2.414	3.108	18.10
28) m METHYL ETHYL K...		4.249	3.378	2.485	3.773	3.864	4.114	3.236	3.586	16.92
29) m cis-1,2-DICHLO...	1.098	1.089	0.926	0.752	1.227	1.192	1.147	0.760	1.024	18.36
30) m ETHYL ACETATE		6.215	4.917	3.594	5.633	5.336	6.017	5.039	5.250	16.63
31) m CHLOROFORM	4.024	3.831	3.110	2.405	4.067	3.705	4.016	2.761	3.490	18.47
32) m 1,1,1-TRICHLOR...	2.393	2.663	2.184	1.833	3.235	3.096	3.181	2.008	2.574	21.48
33) m CARBON TETRACH...	2.598	3.117	2.491	1.996	3.565	3.369	3.490	2.197	2.853	21.40
34) m 1,2-DICHLOROET...	1.907	2.073	1.706	1.339	2.502	2.418	2.318	1.483	1.968	22.10

35) I 1,4-DIFLUOROBENZENE	----- ISTD-----									
36) m BENZENE		0.626	0.589	0.467	0.821	0.807	0.752	0.424	0.641	24.88
37) m CYCLOHEXANE		0.292	0.286	0.225	0.357	0.319	0.350	0.153	0.283	25.64
38) m TRICHLOROETHYLENE	0.278	0.344	0.318	0.248	0.402	0.388	0.396	0.243	0.327	20.05
39) m 1,2-DICHLOROPR...		0.322	0.283	0.222	0.392	0.389	0.351	0.237	0.314	21.92
40) m BROMODICHLOROM...		0.603	0.526	0.432	0.727	0.714	0.680	0.479	0.594	19.89
41) m 2,2,4-TRIMETHY...		2.074	1.872	1.550	2.631	2.496	2.545	1.162	2.047	27.14
42) m 1,4-DIOXANE		0.100	0.093	0.077	0.120	0.120	0.123	0.055	0.098	25.80
43) m HEPTANE		0.813	0.800	0.678	1.127	1.059	1.118	0.420	0.859	30.41
44) m METHYL ISOBUTY...		0.980	0.962	0.740	1.216	1.128	1.243	0.570	0.977	25.51
45) m cis-1,3-DICHLO...		0.244	0.251	0.220	0.409	0.432	0.362	0.171	0.298	33.91

Initial Calibration Summary

Page 2 of 2

Job Number: M57573

Sample: MSQ57-ICC57

Account: GEI GEI Consultants, Inc.

Lab FileID: Q1089.D

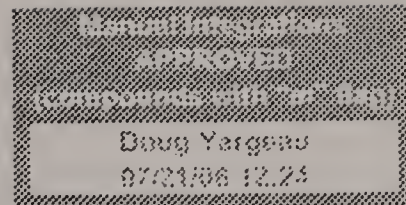
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

46)	m	TOLUENE	0.386	0.256	0.256	0.232	0.451	0.472	0.382	0.169	0.326	34.17
47)	m	trans-1,3-DICH...	0.159	0.165	0.151	0.290	0.330	0.242	0.117	0.208		38.55
48)	m	1,1,2-TRICHLOR...	0.276	0.221	0.205	0.145	0.258	0.257	0.232	0.168	0.220	20.83
49)	I	CHLORO BENZENE-D5	-----ISTD-----									
50)	m	2-HEXANONE	0.773	0.777	0.633	1.055	0.969	1.067	0.464	0.820		27.45
51)	m	TETRACHLOROETH...	0.218	0.231	0.201	0.162	0.259	0.261	0.259	0.161	0.219	18.88
52)	m	DIBROMOCHLOROM...	0.411	0.367	0.278	0.516	0.518	0.470	0.319	0.411		23.09
53)	m	1,2-DIBROMOETHANE	0.320	0.284	0.216	0.384	0.392	0.339	0.217	0.307		23.45
54)	m	CHLORO BENZENE	0.507	0.430	0.305	0.545	0.520	0.490	0.351	0.450		20.30
55)	m	ETHYLBENZENE	0.719	0.683	0.587	1.092	1.190	0.996	0.415	0.812		35.17
56)	m	m,p-XYLENE	0.262	0.251	0.202	0.372	0.389	0.338	0.146	0.280		32.30
57)	m	o-XYLENE	0.267	0.251	0.209	0.386	0.403	0.359	0.134	0.287		34.69
58)	m	STYRENE	0.179	0.184	0.209	0.407	0.445	0.356	0.112	0.270		48.13
59)	m	NONANE	1.274	1.237	1.006	1.930	1.812	1.818	0.605	1.383		35.57
60)	m	BROMOFORM	0.225	0.189	0.153	0.299	0.314	0.248	0.146	0.225		29.59
61)	S	4-BROMOFLUOROB...	0.639	0.639	0.649	0.828	0.897	0.944	0.812	0.622	0.754	17.37
62)	m	1,1,2,2-TETRAC...	0.570	0.509	0.371	0.649	0.660	0.633	0.443	0.548		20.31
63)	m	ISOPROPYLBENZENE	0.911	0.833	0.661	1.204	1.305	1.156	0.592	0.952		29.10
64)	m	2-CHLOROTOLUENE	0.476	0.479	0.434	0.854	0.908	0.756	0.314	0.603		38.48
65)	m	4-ETHYLTOLUENE	0.437	0.487	0.439	0.858	0.991	0.800	0.294	0.615		42.84
66)	m	1,3,5-TRIMETHY...	0.592	0.607	0.506	0.942	1.006	0.867	0.294	0.688		37.63
67)	m	1,2,4-TRIMETHY...	0.387	0.407	0.403	0.788	0.913	0.735	0.231	0.552		46.35
68)	m	m-DICHLOROBENZENE	0.195	0.170	0.122	0.259		0.233	0.132	0.185		29.37
69)	m	BENZYL CHLORIDE	0.126	0.074	0.089	0.201	0.256	0.133	0.067	0.135		51.86
70)	m	p-DICHLOROBENZENE	0.160	0.148	0.120	0.231	0.259	0.210	0.105	0.176		33.03
71)	m	o-DICHLOROBENZENE	0.169	0.178	0.148	0.283	0.301	0.243	0.144	0.209		31.20
72)	m	HEXACHLOROBUTA...	0.123	0.105	0.077	0.129	0.130	0.134	0.106	0.115		17.60
73)	m	1,2,4-TRICHLOR...	0.016	0.018	0.017	0.027	0.034	0.025	0.013	0.021		34.63
74)	m	NAPHTHALENE								0.000		-1.00

(#) = Out of Range

Q071806T.m Thu Jul 20 08:22:01 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1089.D
 Acq On : 18 Jul 2006 2:00 pm
 Operator : DougY
 Sample : ICC57-10 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:43:28 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.697	128	187744	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.525	114	747257	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.771	117	626833	10.00	PPBV	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE	16.391	95	281097	6.43	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	128.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.058	85	1117134	8.07	PPBV	95
3) PROPYLENE	3.989	41	381059	8.36	PPBV	97
4) FREON 114	4.324	85	952764	7.07	PPBV	88
5) CHLOROMETHANE	4.223	50	480757	8.36	PPBV	95
6) VINYL CHLORIDE	4.445	62	343557	6.56	PPBV	99
7) 1,3-BUTADIENE	4.589	39	458383	9.62	PPBV #	81
8) BROMOMETHANE	4.869	94	244519	6.02	PPBV	99
9) CHLOROETHANE	5.048	64	148725	6.85	PPBV	81
10) TRICHLOROFLUOROMETHANE	5.836	101	1155698	8.79	PPBV	100
11) ISOPROPYL ALCOHOL	5.867	45	592550	7.39	PPBV	92
12) ACETONE	5.636	43	707035	8.44	PPBV	86
13) PENTANE	6.193	42	476705	8.46	PPBV	92
14) 1,1-DICHLOROETHYLENE	6.477	96	214136	5.82	PPBV #	29
15) CARBON DISULFIDE	6.915	76	670598	7.12	PPBV	75
16) ETHANOL	5.134	45	132290	8.36	PPBV	94
17) BROMOETHENE	5.412	106	201418	5.52	PPBV #	91
18) METHYLENE CHLORIDE	6.592	84	227387	6.08	PPBV	41
19) 3-CHLOROPROPENE	6.715	39	465619	11.40	PPBV	83
20) FREON 113	6.855	151	348463	6.03	PPBV #	64
21) TRANS-1,2-DICHLOROETHY...	7.526	96	207233	6.18	PPBV #	55
22) TERTIARY BUTYL ALCOHOL	6.477	59	579722	7.79	PPBV	78
23) METHYL TERTIARY BUTYL ...	7.766	73	618224	7.04	PPBV	85
24) TETRAHYDROFURAN	9.203	42	367369	7.88	PPBV	81
25) HEXANE	8.731	57	528988	9.38	PPBV	90
26) VINYL ACETATE	7.842	43	382981	4.00	PPBV	96
27) 1,1-DICHLOROETHANE	7.719	63	702019	9.44	PPBV	98
28) METHYL ETHYL KETONE	8.087	43	708303	9.34	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.531	96	230275	7.47	PPBV #	67
30) ETHYL ACETATE	8.722	43	1057612	10.90	PPBV	99
31) CHLOROFORM	8.814	83	763531	9.77	PPBV	94
32) 1,1,1-TRICHLOROETHANE	9.773	97	607310	8.43	PPBV	90
33) CARBON TETRACHLORIDE	10.353	117	669352	8.86	PPBV	99
34) 1,2-DICHLOROETHANE	9.524	62	469827	9.19	PPBV	99
36) BENZENE	10.215	78	613865	8.17	PPBV	91
37) CYCLOHEXANE	10.479	84	267124	7.51	PPBV #	80
38) TRICHLOROETHYLENE	11.212	95	300580	8.93	PPBV	87
39) 1,2-DICHLOROPROPANE	10.989	63	292758	9.08	PPBV	100
40) BROMODICHLOROMETHANE	11.173	83	543404	10.55	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.232	57	1966140	10.74	PPBV	98
42) 1,4-DIOXANE	11.196	88	89948	7.07	PPBV #	66
43) HEPTANE	11.471	43	842003	12.31	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1089.D
 Acq On : 18 Jul 2006 2:00 pm
 Operator : DougY
 Sample : ICC57-10 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:43:28 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

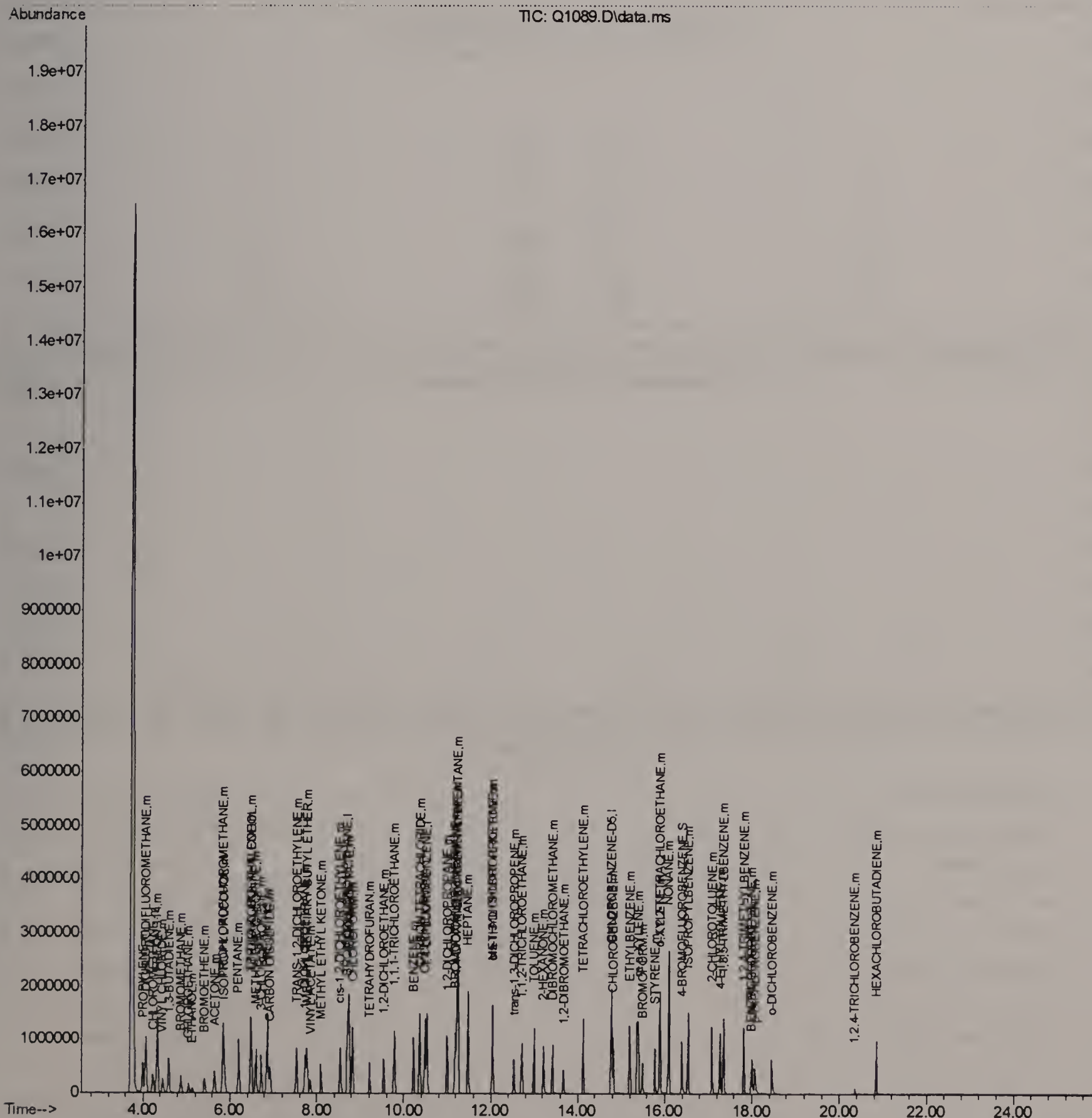
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.039	43	908571	12.53	PPBV	88
45) cis-1,3-DICHLOROPROPENE	12.027	75	305284	9.10	PPBV #	60
46) TOLUENE	12.987	92	337202	8.08	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.526	75	216420	8.50	PPBV #	77
48) 1,1,2-TRICHLOROETHANE	12.710	83	192636	8.75	PPBV	93
50) 2-HEXANONE	13.207	43	661232	10.95	PPBV	85
51) TETRACHLOROETHYLENE	14.123	164	162286	6.72	PPBV #	79
52) DIBROMOCHLOROMETHANE	13.416	129	323644	9.68	PPBV	99
53) 1,2-DIBROMOETHANE	13.665	107	240447	7.69	PPBV	100
54) CHLOROBENZENE	14.815	112	341483	7.58	PPBV	87
55) ETHYLBENZENE	15.195	91	684392	8.29	PPBV	95
56) m,p-XYLENE	15.386	106	465915m	15.40	PPBV	
57) o-XYLENE	15.885	106	241750	8.65	PPBV	89
58) STYRENE	15.768	104	255164	7.22	PPBV	91
59) NONANE	16.086	43	1209643	14.43	PPBV	90
60) BROMOFORM	15.488	173	187130	8.99	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.876	83	407032	8.85	PPBV	99
63) ISOPROPYLBENZENE	16.533	105	754522	9.01	PPBV	93
64) 2-CHLOROTOLUENE	17.080	91	535234	9.10	PPBV	91
65) 4-ETHYLTOLUENE	17.268	105	537594	8.33	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.351	105	590466	9.45	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	493868	9.07	PPBV	94
68) m-DICHLOROBENZENE	17.997	146	162259	6.94	PPBV	93
69) BENZYL CHLORIDE	17.974	91	126223	4.72	PPBV	94
70) p-DICHLOROBENZENE	18.070	146	144805m	6.09	PPBV	
71) o-DICHLOROBENZENE	18.459	146	177171	7.50	PPBV	95
72) HEXACHLOROBUTADIENE	20.844	225	80918	8.31	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.356	180	16848	4.90	PPBV	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path : C:\msdchem\1\DATA\  
Data File : Q1089.D  
Acq On    : 18 Jul 2006      2:00 pm  
Operator   : DougY  
Sample     : ICC57-10 (M016)  
Misc      : MS11802,  MSQ57,,,,,1  
ALS Vial   : 3      Sample Multiplier: 1
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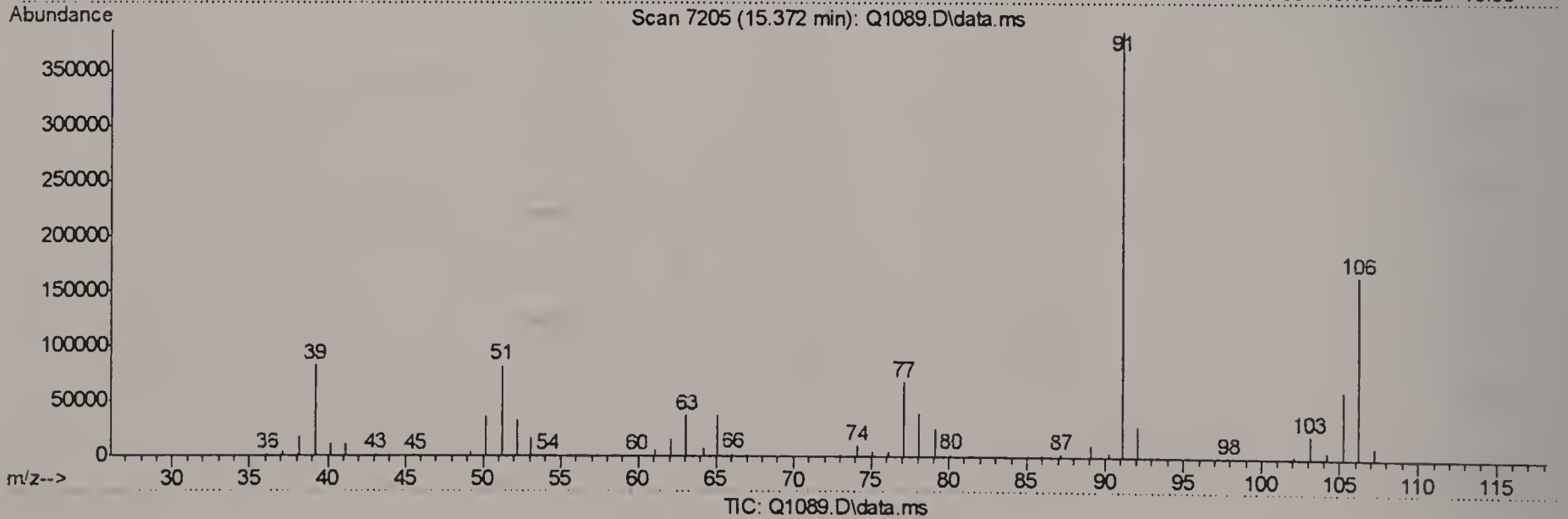
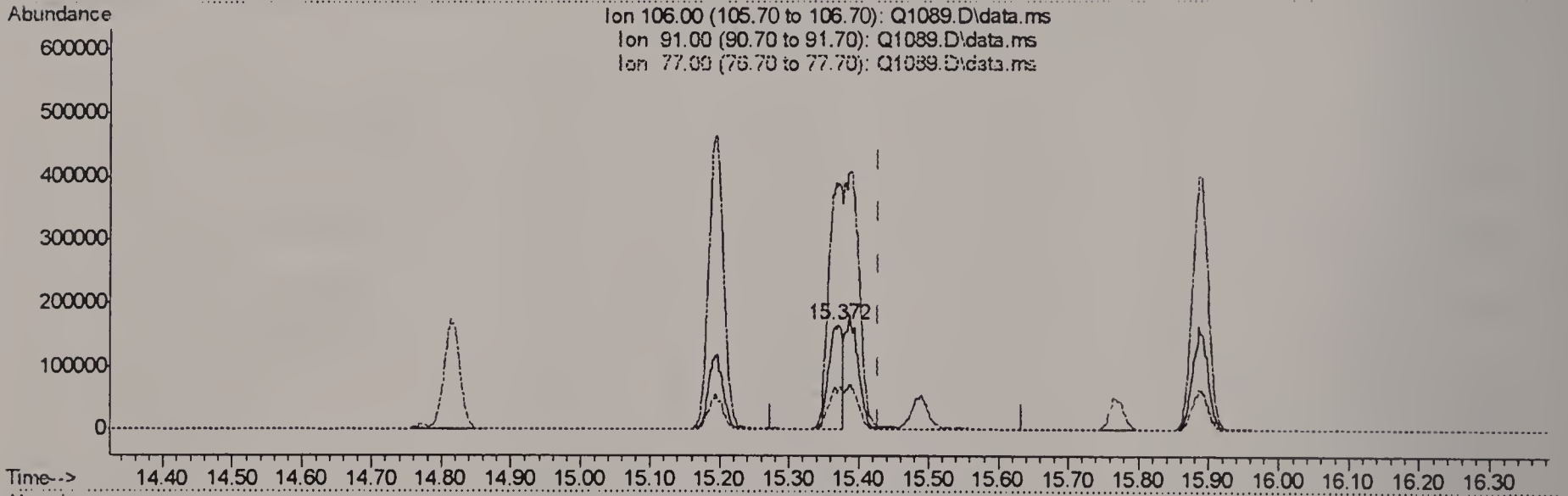
Quant Time: Jul 19 07:43:28 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1089.D
 Acq On : 18 Jul 2006 2:00 pm
 Operator : DougY
 Sample : ICC57-10 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:34 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.372min (-0.057) 7.57PPBV

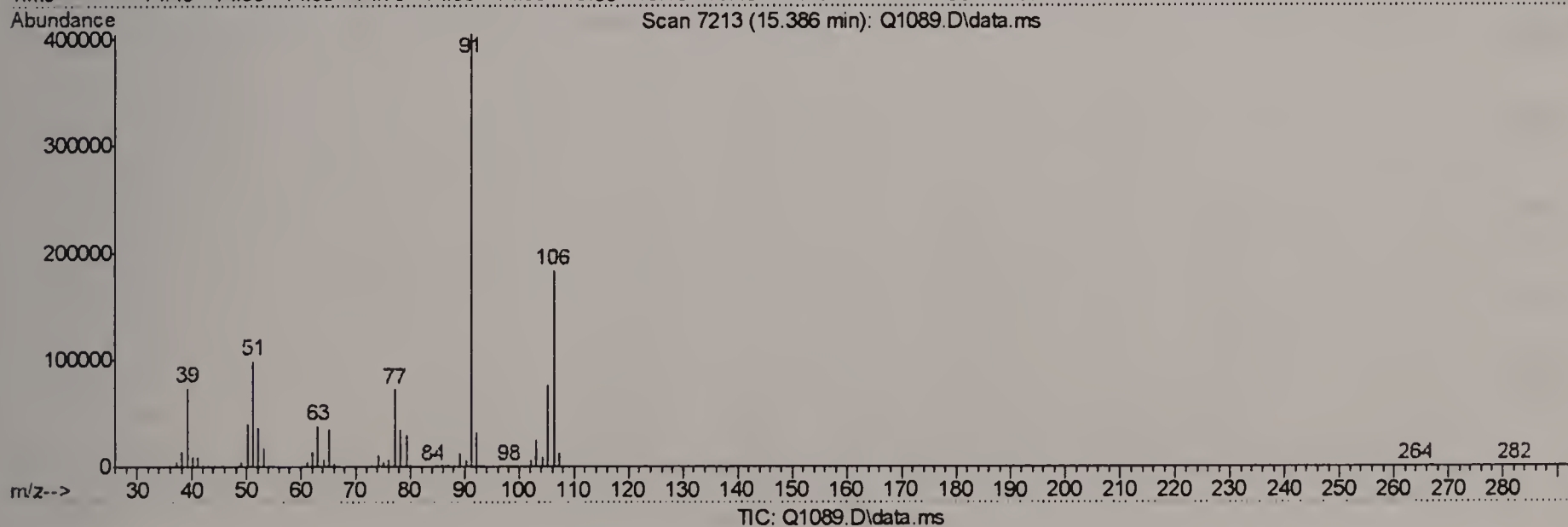
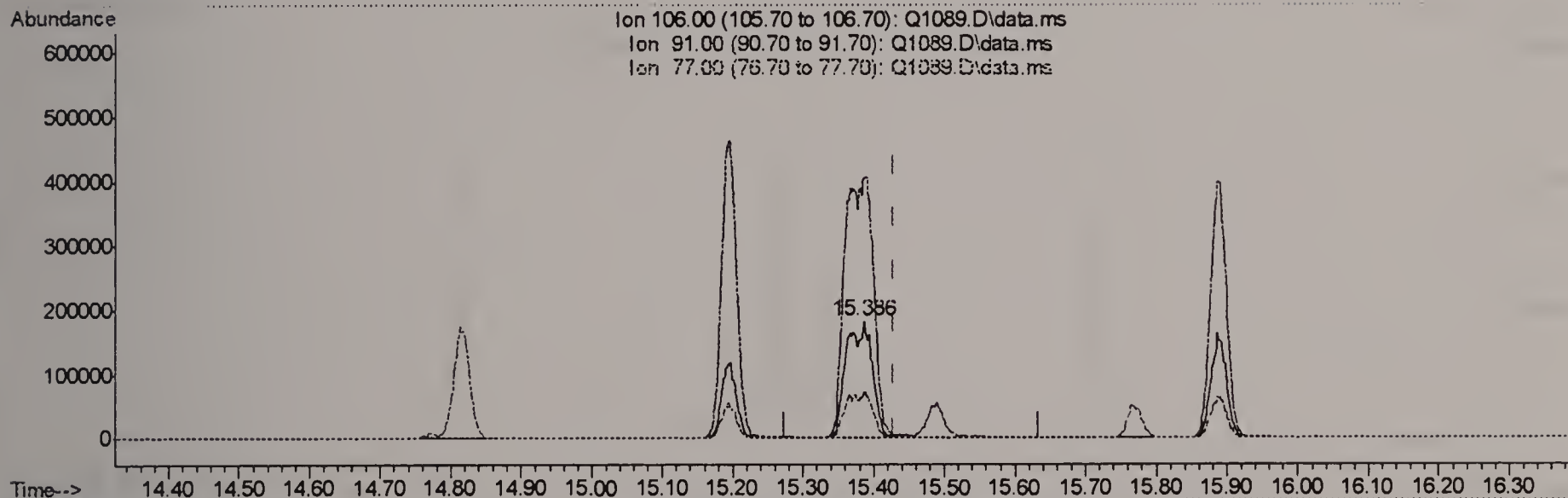
response 228979

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	234.31
77.00	31.80	41.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1089.D
 Acq On : 18 Jul 2006 2:00 pm
 Operator : DougY
 Sample : ICC57-10 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:34 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.386min (-0.043) 15.40PPBV m

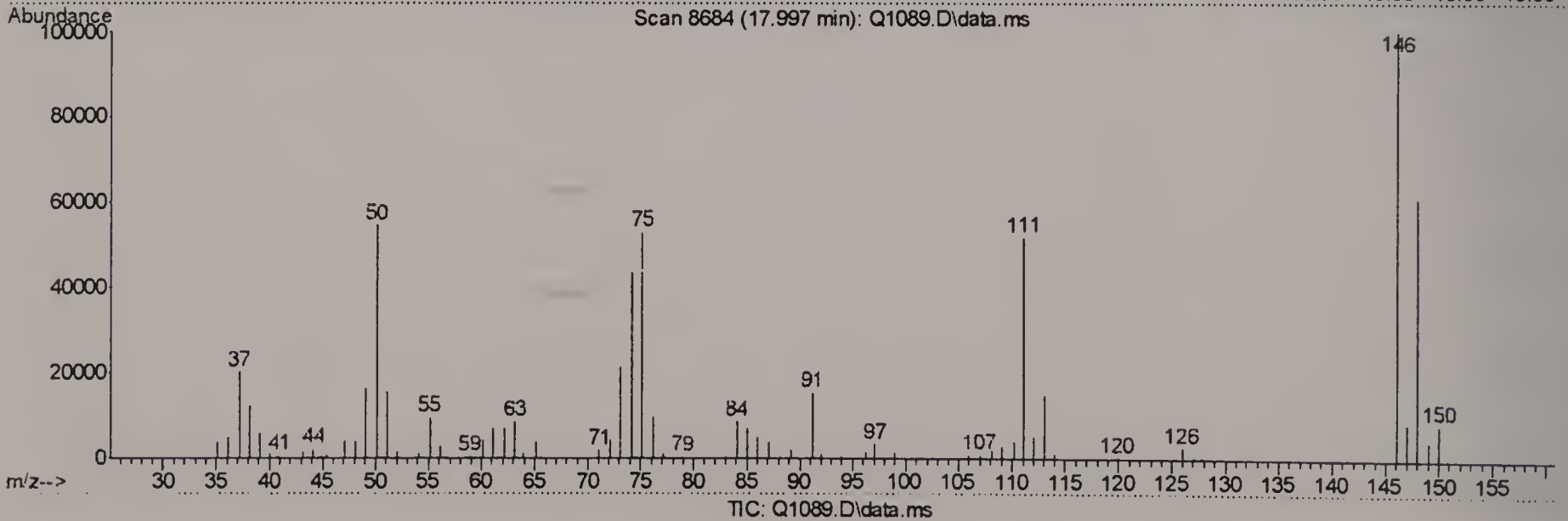
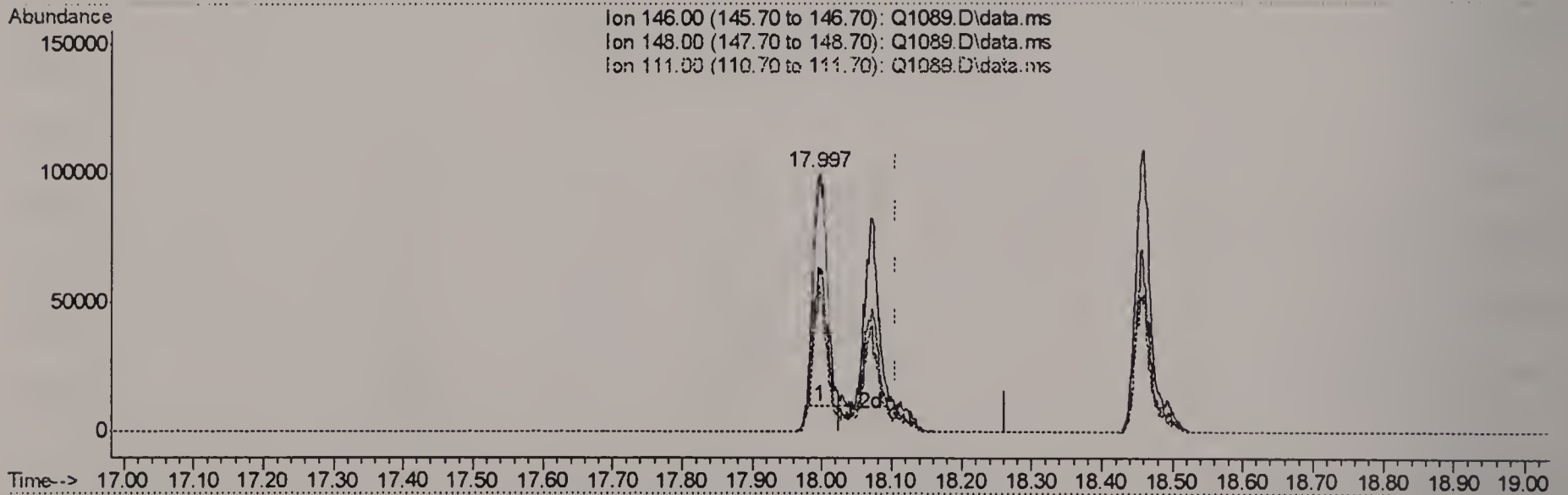
response 465915

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	220.92
77.00	31.80	39.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1089.D
 Acq On : 18 Jul 2006 2:00 pm
 Operator : DougY
 Sample : ICC57-10 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:34 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

17.997min (-0.110) 4.90PPBV

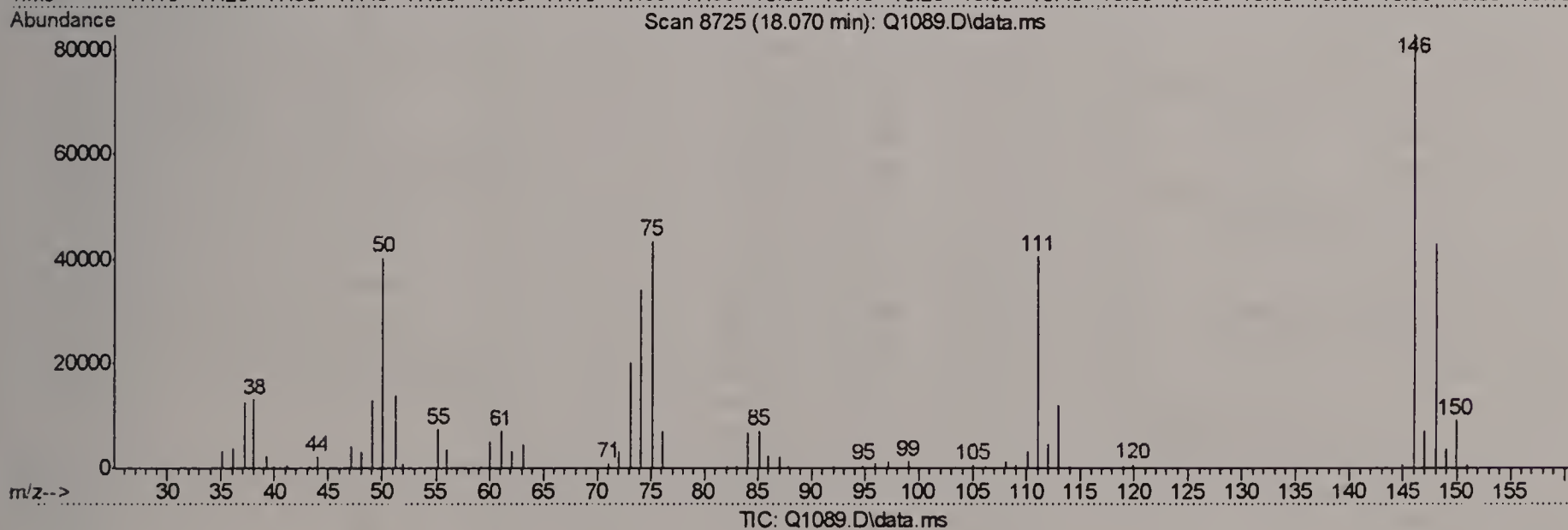
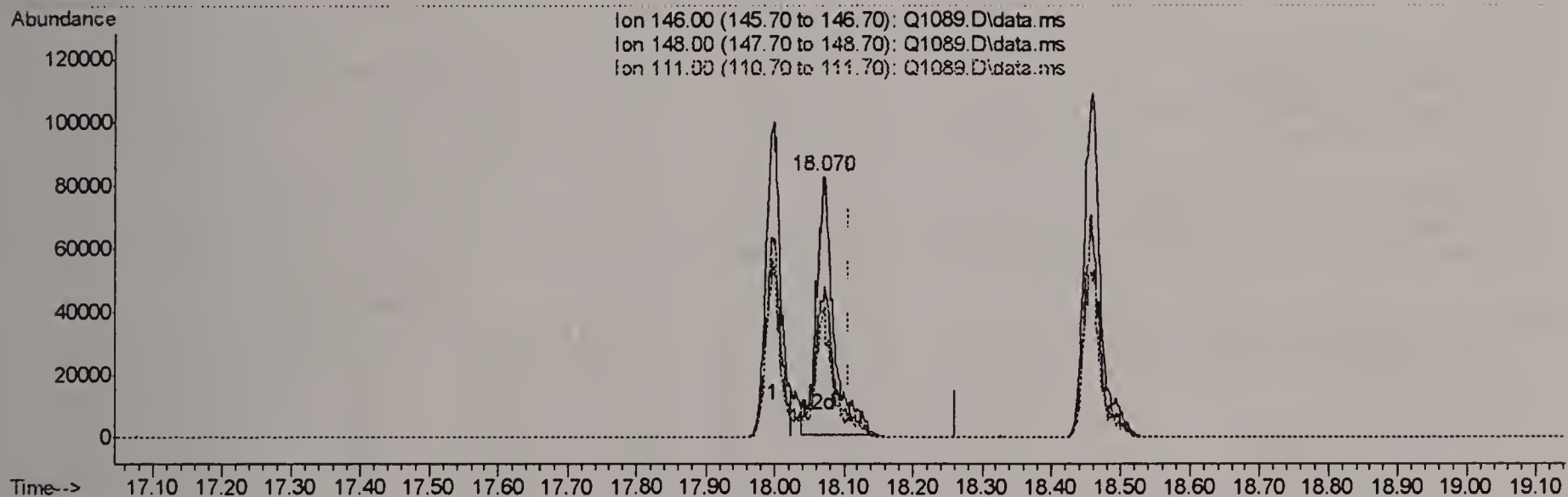
response 116572

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	64.98
111.00	42.40	52.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1089.D
 Acq On : 18 Jul 2006 2:00 pm
 Operator : DougY
 Sample : ICC57-10 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:34 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



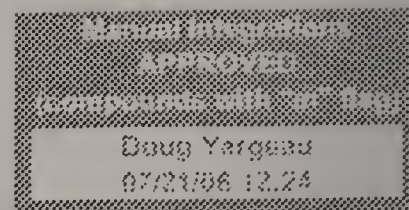
(70) p-DICHLOROBENZENE (m)

18.070min (-0.037) 6.09PPBV m

response 144805

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	52.31
111.00	42.40	42.46
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1090.D
 Acq On : 18 Jul 2006 3:45 pm
 Operator : DougY
 Sample : IC57-20 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:44:15 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.694	128	263423	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.525	114	1017822	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.767	117	870471	10.00	PPBV	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE		16.387	95	410704	6.77	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	135.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.058	85	2796319	14.39	PPBV	95
3) PROPYLENE	3.987	41	1017602	15.91	PPBV	99
4) FREON 114	4.324	85	2576267	13.63	PPBV	88
5) CHLOROMETHANE	4.225	50	1206675	14.95	PPBV	96
6) VINYL CHLORIDE	4.450	62	913560	12.43	PPBV	99
7) 1,3-BUTADIENE	4.590	39	1165991	17.44	PPBV	86
8) BROMOMETHANE	4.867	94	655980	11.52	PPBV	98
9) CHLOROETHANE	5.050	64	394022	12.93	PPBV	83
10) TRICHLOROFLUOROMETHANE	5.834	101	3028412	16.41	PPBV	99
11) ISOPROPYL ALCOHOL	5.865	45	1665332	14.80	PPBV	94
12) ACETONE	5.636	43	2037143	17.33	PPBV	89
13) PENTANE	6.193	42	1268829	16.04	PPBV	93
14) 1,1-DICHLOROETHYLENE	6.477	96	582544	11.28	PPBV #	35
15) CARBON DISULFIDE	6.910	76	1782312	13.48	PPBV	80
16) ETHANOL	5.128	45	371280	16.72	PPBV	97
17) BROMOETHENE	5.414	106	564486	11.03	PPBV #	92
18) METHYLENE CHLORIDE	6.592	84	598062	11.40	PPBV	47
19) 3-CHLOROPROPENE	6.713	39	1224498	21.37	PPBV	87
20) FREON 113	6.851	151	984168	12.14	PPBV #	68
21) TRANS-1,2-DICHLOROETHY...	7.524	96	563786	11.99	PPBV #	61
22) TERTIARY BUTYL ALCOHOL	6.477	59	843147	8.07	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.764	73	1974690	16.02	PPBV	89
24) TETRAHYDROFURAN	9.194	42	1150348	17.59	PPBV	82
25) HEXANE	8.729	57	1397442	17.66	PPBV	98
26) VINYL ACETATE	7.843	43	1227413	9.13	PPBV	95
27) 1,1-DICHLOROETHANE	7.717	63	1843177	17.67	PPBV	98
28) METHYL ETHYL KETONE	8.085	43	2035615	19.13	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.529	96	627859	14.51	PPBV #	73
30) ETHYL ACETATE	8.720	43	2811009	20.65	PPBV	99
31) CHLOROFORM	8.814	83	1951728	17.79	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.773	97	1630855	16.13	PPBV	90
33) CARBON TETRACHLORIDE	10.355	117	1775059	16.75	PPBV	99
34) 1,2-DICHLOROETHANE	9.524	62	1273875	17.75	PPBV	99
36) BENZENE	10.213	78	1642169	16.04	PPBV	91
37) CYCLOHEXANE	10.477	84	649715	13.41	PPBV #	75
38) TRICHLOROETHYLENE	11.210	95	789048	17.21	PPBV	86
39) 1,2-DICHLOROPROPANE	10.985	63	791610	18.02	PPBV	98
40) BROMODICHLOROMETHANE	11.169	83	1452916	20.71	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.233	57	5080782	20.37	PPBV	99
42) 1,4-DIOXANE	11.192	88	243769	14.07	PPBV #	65
43) HEPTANE	11.471	43	2155641	23.14	PPBV	86

Data Path : C:\msdchem\1\DATA\
Data File : Q1090.D
Acq On : 18 Jul 2006 3:45 pm
Operator : DougY
Sample : IC57-20 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:44:15 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration

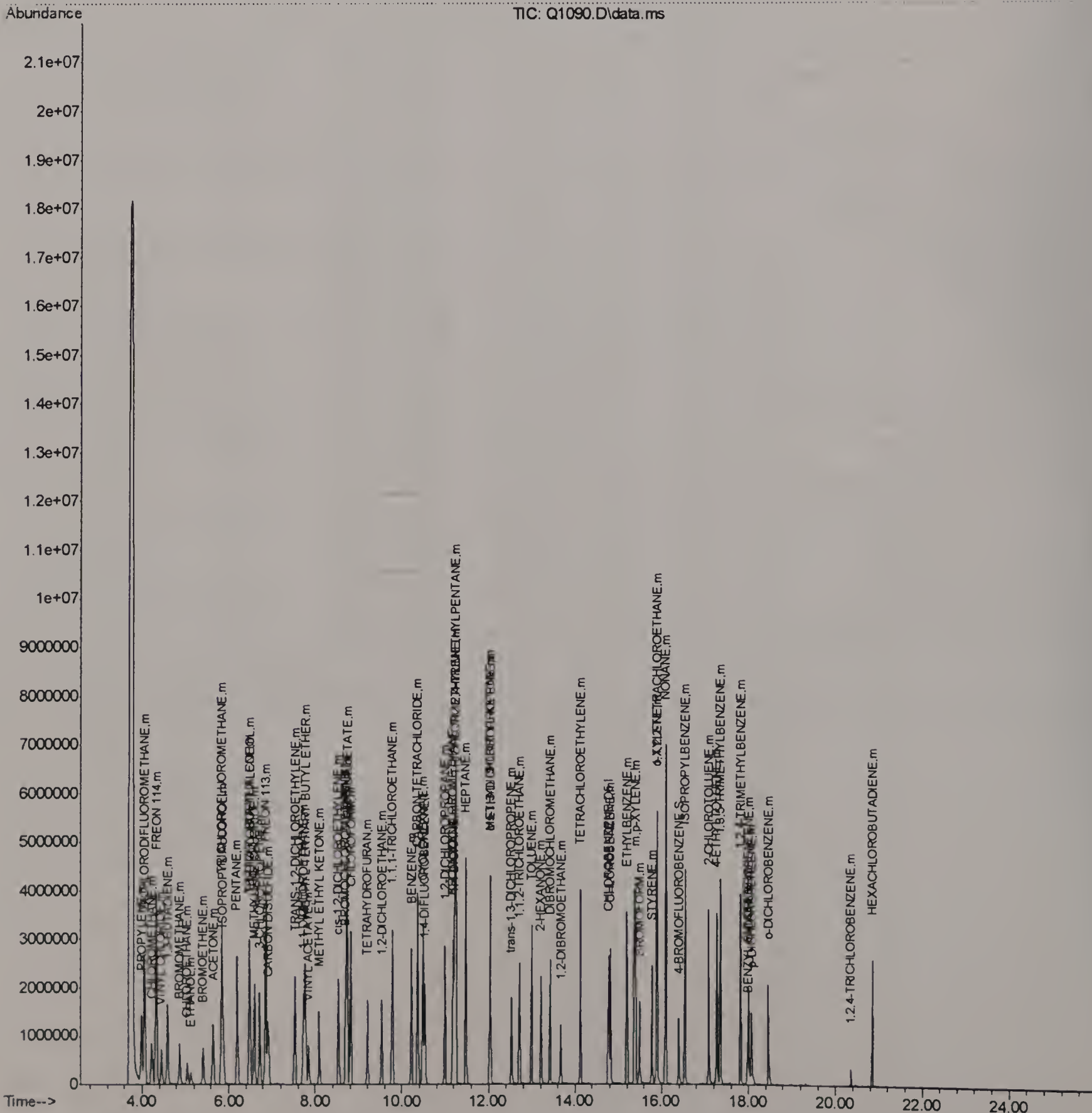
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.037	43	2295565	23.25	PPBV	89
45) cis-1,3-DICHLOROPROPENE	12.025	75	878463	19.22	PPBV #	66
46) TOLUENE	12.987	92	960125	16.89	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.524	75	672014	19.39	PPBV #	81
48) 1,1,2-TRICHLOROETHANE	12.708	83	522355	17.42	PPBV	94
50) 2-HEXANONE	13.205	43	1687096	20.12	PPBV	87
51) TETRACHLOROETHYLENE	14.121	164	453944	13.53	PPBV #	78
52) DIBROMOCHLOROMETHANE	13.414	129	901980	19.43	PPBV	99
53) 1,2-DIBROMOETHANE	13.666	107	681924	15.70	PPBV	99
54) CHLOROBENZENE	14.815	112	905846	14.48	PPBV	86
55) ETHYLBENZENE	15.193	91	2072130	18.07	PPBV	95
56) m,p-XYLENE	15.386	106	1355672m	32.28	PPBV	
57) o-XYLENE	15.890	106	700780	18.06	PPBV #	82
58) STYRENE	15.766	104	774398	15.78	PPBV	90
59) NONANE	16.087	43	3155288	27.11	PPBV	89
60) BROMOFORM	15.489	173	547179	18.92	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.876	83	1149692	18.00	PPBV	99
63) ISOPROPYLBENZENE	16.531	105	2272381	19.55	PPBV	92
64) 2-CHLOROTOLUENE	17.079	91	1581068	19.36	PPBV	90
65) 4-ETHYLTOLUENE	17.268	105	1725963	19.25	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.353	105	1750894	20.17	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.814	105	1588971	21.02	PPBV	93
68) m-DICHLOROBENZENE	17.995	146	486548	14.98	PPBV	94
69) BENZYL CHLORIDE	17.972	91	445073	11.98	PPBV	97
70) p-DICHLOROBENZENE	18.070	146	450927	13.66	PPBV	95
71) o-DICHLOROBENZENE	18.455	146	524184	15.98	PPBV	96
72) HEXACHLOROBUTADIENE	20.845	225	226025	16.72	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.354	180	59026	12.37	PPBV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path : C:\msdchem\1\DATA\  
Data File : Q1090.D  
Acq On    : 18 Jul 2006      3:45 pm  
Operator   : DougY  
Sample     : IC57-20 (M016)  
Misc       : MS11802,  MSQ57,,,,,1  
ALS Vial   : 3      Sample Multiplier: 1
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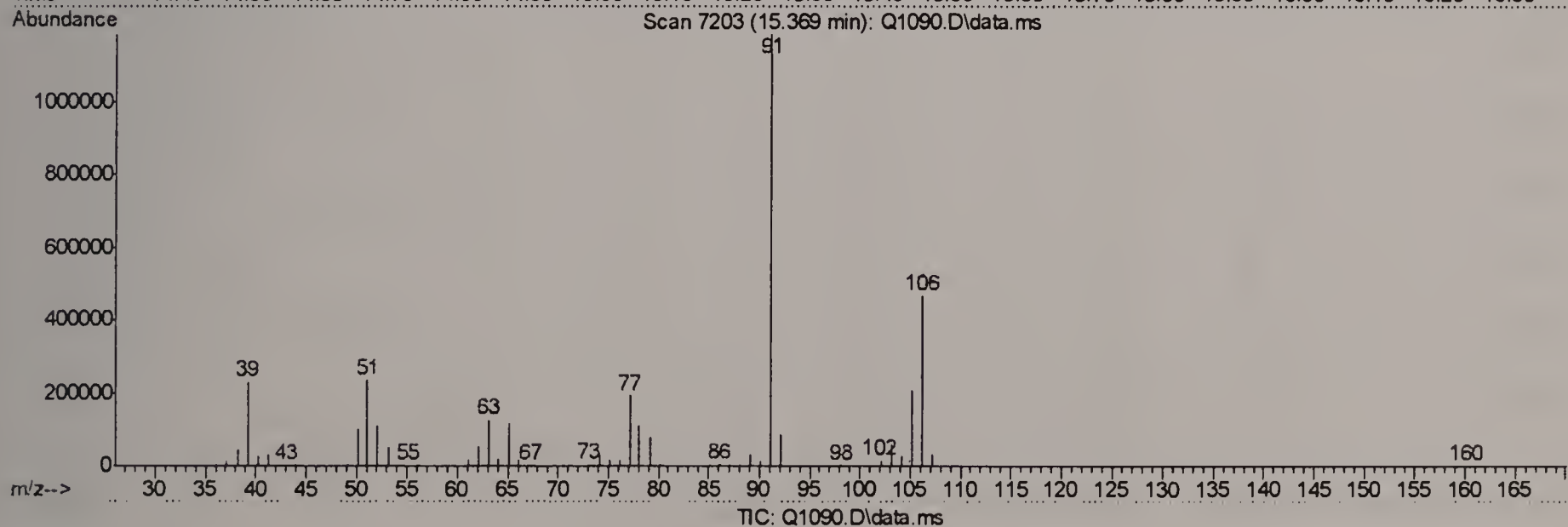
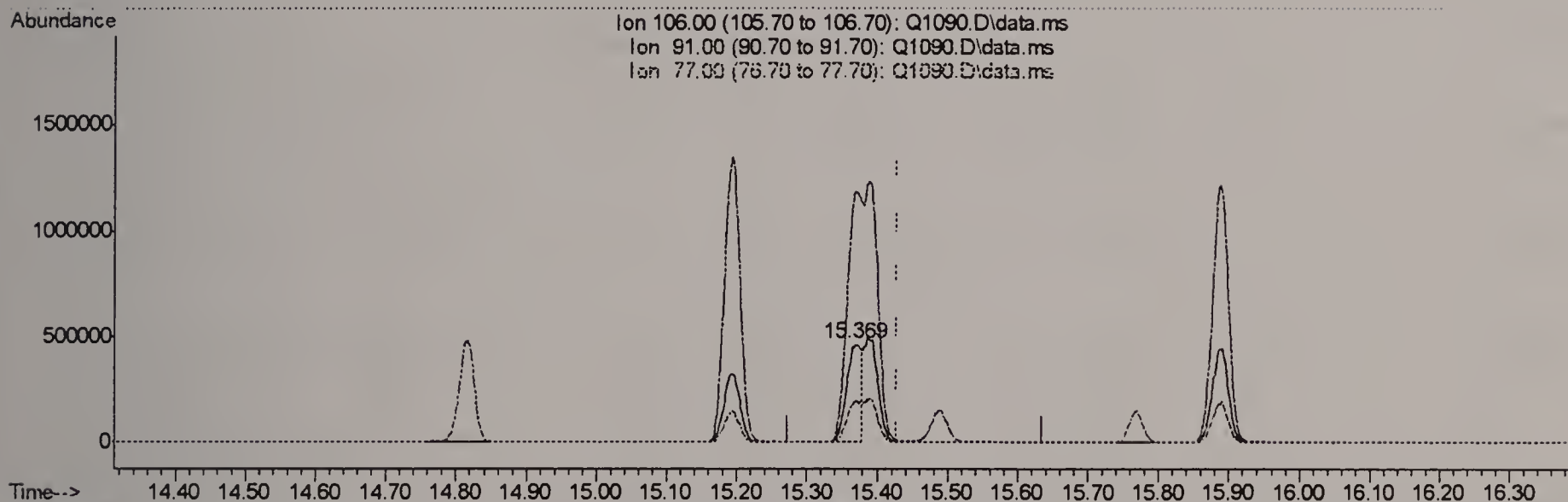
Quant Time: Jul 19 07:44:15 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1090.D
 Acq On : 18 Jul 2006 3:45 pm
 Operator : DougY
 Sample : IC57-20 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.369min (-0.060) 15.56PPBV

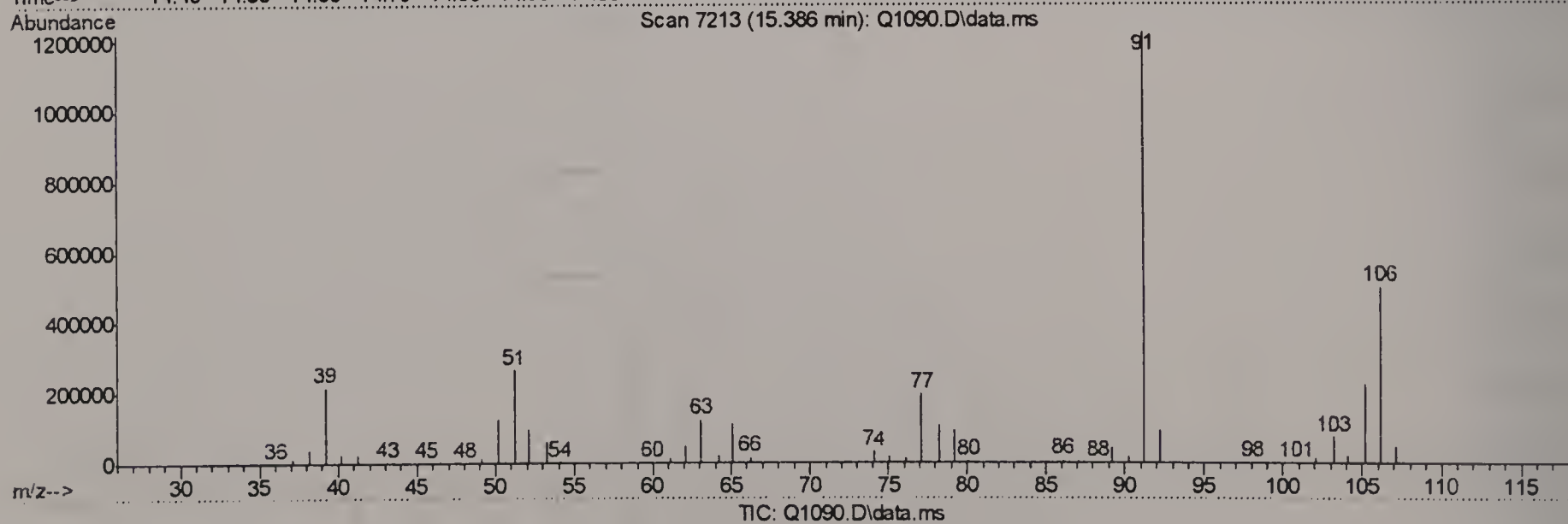
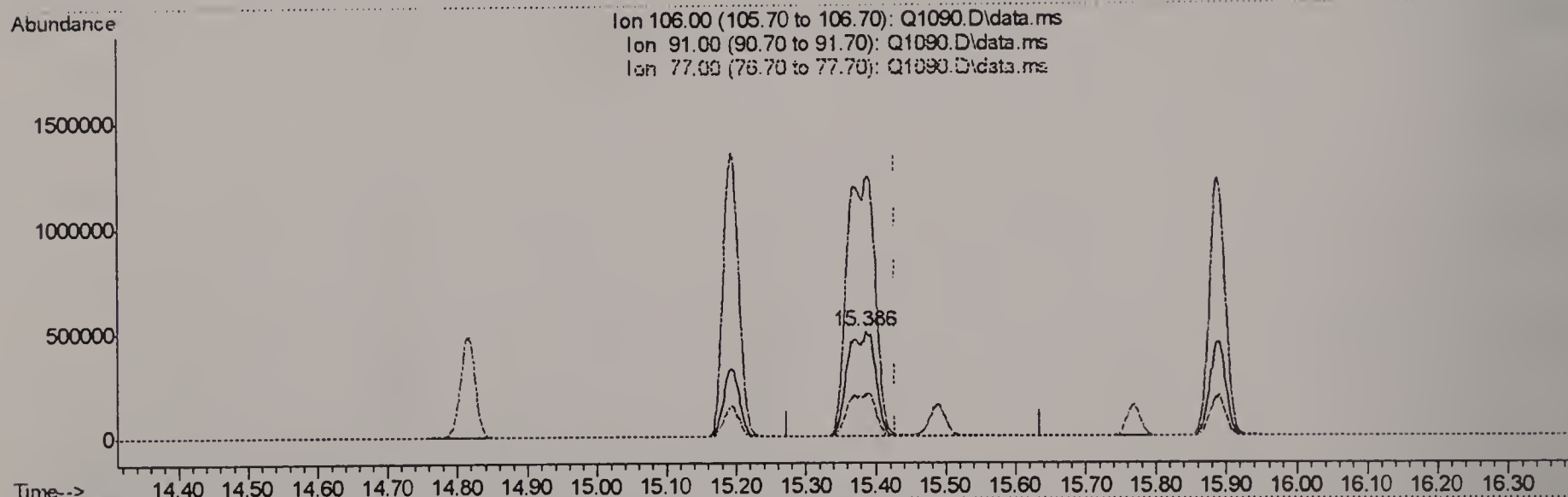
response 653476

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	254.25
77.00	31.80	41.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1090.D
 Acq On : 18 Jul 2006 3:45 pm
 Operator : DougY
 Sample : IC57-20 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



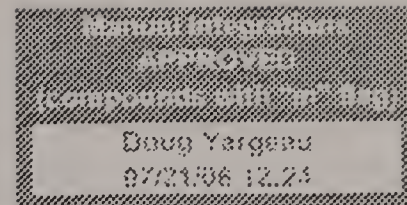
(56) m,p-XYLENE (m)

15.386min (-0.043) 32.28PPBV m

response 1355672

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	245.21
77.00	31.80	39.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1091.D
 Acq On : 18 Jul 2006 4:36 pm
 Operator : DougY
 Sample : IC57-5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:46:15 2006

Quant Method : C:\msdchem\1\METHODS\Q071806T.m

Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um

QLast Update : Thu Jul 13 12:10:08 2006

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.695	128	327966	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.525	114	1194328	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.769	117	952463	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	394109	5.94	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	118.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.060	85	690186	2.85	PPBV	96
3) PROPYLENE	3.983	41	249865	3.14	PPBV	97
4) FREON 114	4.322	85	596121	2.53	PPBV	88
5) CHLOROMETHANE	4.227	50	308770	3.07	PPBV	99
6) VINYL CHLORIDE	4.448	62	228142	2.49	PPBV	100
7) 1,3-BUTADIENE	4.589	39	278796	3.35	PPBV	85
8) BROMOMETHANE	4.867	94	159149	2.24	PPBV	96
9) CHLOROETHANE	5.045	64	94140	2.48	PPBV	87
10) TRICHLOROFLUOROMETHANE	5.833	101	675743	2.94	PPBV	99
11) ISOPROPYL ALCOHOL	5.868	45	397338	2.84	PPBV	95
12) ACETONE	5.641	43	435233	2.97	PPBV	89
13) PENTANE	6.197	42	300454	3.05	PPBV	94
14) 1,1-DICHLOROETHYLENE	6.479	96	134708	2.10	PPBV #	39
15) CARBON DISULFIDE	6.915	76	423680	2.57	PPBV	78
16) ETHANOL	5.126	45	90157	3.26	PPBV	94
17) BROMOETHENE	5.409	106	133482	2.10	PPBV #	93
18) METHYLENE CHLORIDE	6.590	84	144712	2.22	PPBV	46
19) 3-CHLOROPROPENE	6.711	39	247709	3.47	PPBV	88
20) FREON 113	6.860	151	204066	2.02	PPBV #	64
21) TRANS-1,2-DICHLOROETHY...	7.522	96	126168	2.16	PPBV #	62
22) TERTIARY BUTYL ALCOHOL	6.475	59	362104	2.79	PPBV	80
23) METHYL TERTIARY BUTYL ...	7.764	73	351530	2.29	PPBV	86
24) TETRAHYDROFURAN	9.201	42	202371	2.49	PPBV	81
25) HEXANE	8.729	57	294331	2.99	PPBV	91
26) VINYL ACETATE	7.845	43	202422	1.21	PPBV	89
27) 1,1-DICHLOROETHANE	7.719	63	373874	2.88	PPBV	98
28) METHYL ETHYL KETONE	8.088	43	407563	3.08	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.534	96	123255	2.29	PPBV #	70
30) ETHYL ACETATE	8.724	43	589322	3.48	PPBV #	96
31) CHLOROFORM	8.809	83	394457	2.89	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.771	97	300499	2.39	PPBV	89
33) CARBON TETRACHLORIDE	10.355	117	327362	2.48	PPBV	100
34) 1,2-DICHLOROETHANE	9.526	62	219650	2.46	PPBV	98
36) BENZENE	10.211	78	278841	2.32	PPBV	92
37) CYCLOHEXANE	10.474	84	134277	2.36	PPBV #	75
38) TRICHLOROETHYLENE	11.207	95	148300	2.76	PPBV	88
39) 1,2-DICHLOROPROPANE	10.987	63	132675	2.57	PPBV	97
40) BROMODICHLOROMETHANE	11.171	83	257748	3.13	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.233	57	925514	3.16	PPBV #	97
42) 1,4-DIOXANE	11.196	88	46174	2.27	PPBV #	56
43) HEPTANE	11.468	43	404895	3.70	PPBV	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1091.D
Acq On : 18 Jul 2006 4:36 pm
Operator : DougY
Sample : IC57-5 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

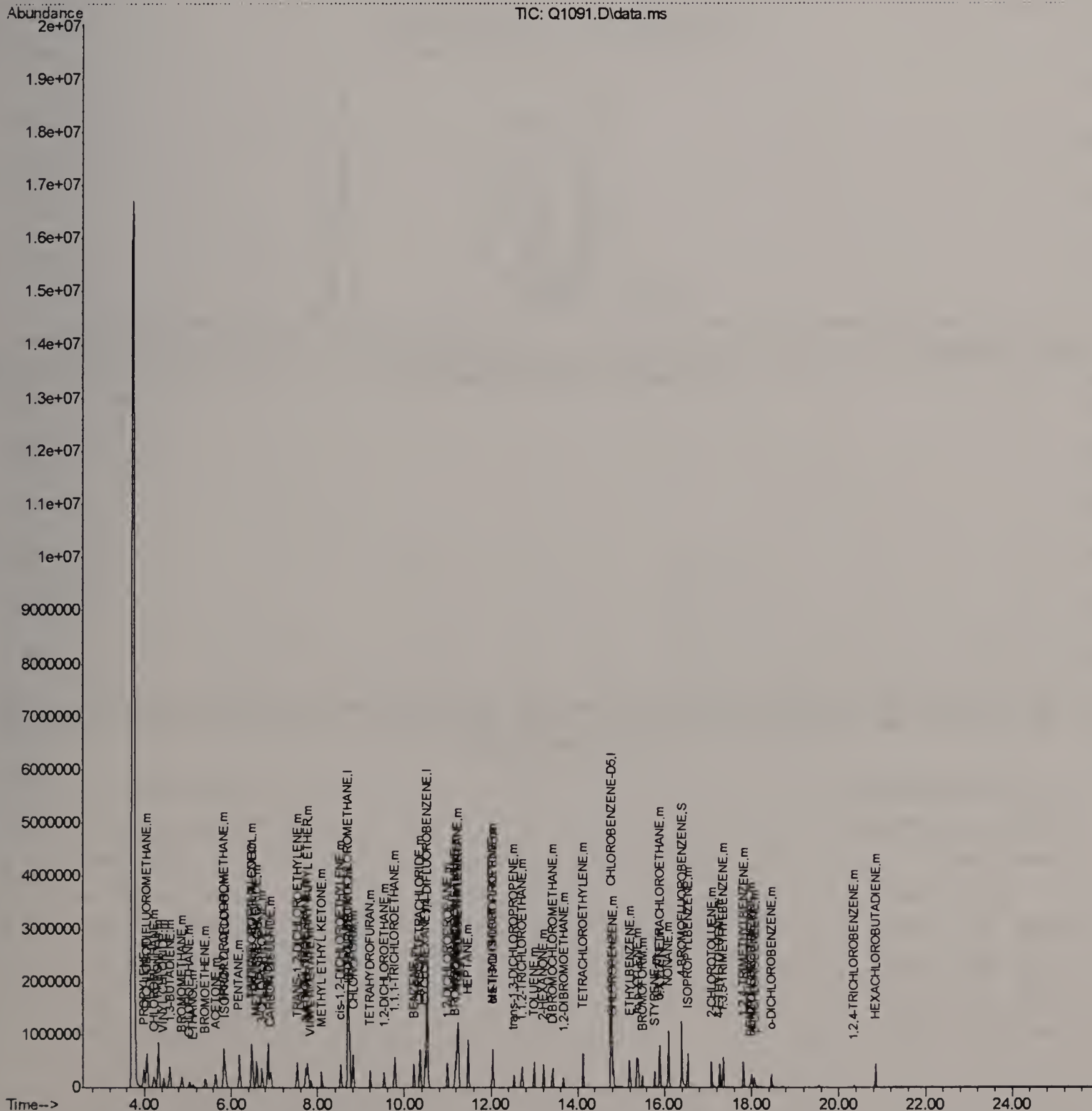
Quant Time: Jul 19 07:46:15 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.039	43	441834	3.81	PPBV	88
45) cis-1,3-DICHLOROPROPENE	12.025	75	131573	2.45	PPBV #	58
46) TOLUENE	12.989	92	138836	2.08	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.525	75	90302	2.22	PPBV #	80
48) 1,1,2-TRICHLOROETHANE	12.708	83	86372	2.45	PPBV	93
50) 2-HEXANONE	13.209	43	301499	3.29	PPBV	86
51) TETRACHLOROETHYLENE	14.119	164	77105	2.10	PPBV #	81
52) DIBROMOCHLOROMETHANE	13.415	129	132343	2.61	PPBV	99
53) 1,2-DIBROMOETHANE	13.663	107	102992	2.17	PPBV	99
54) CHLOROBENZENE	14.813	112	145070	2.12	PPBV	90
55) ETHYLBENZENE	15.191	91	279420	2.23	PPBV	96
56) m,p-XYLENE	15.367	106	192196	4.18	PPBV #	95
57) o-XYLENE	15.887	106	99378	2.34	PPBV	91
58) STYRENE	15.766	104	99302	1.85	PPBV	95
59) NONANE	16.084	43	479284	3.76	PPBV	88
60) BROMOFORM	15.489	173	73046	2.31	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.874	83	176870	2.53	PPBV	98
63) ISOPROPYLBENZENE	16.529	105	314664	2.47	PPBV	92
64) 2-CHLOROTOLUENE	17.079	91	206610	2.31	PPBV	93
65) 4-ETHYLTOLUENE	17.266	105	208918	2.13	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.347	105	240998	2.54	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.816	105	192028	2.32	PPBV	94
68) m-DICHLOROBENZENE	17.999	146	58237	1.64	PPBV	87
69) BENZYL CHLORIDE	17.972	91	42611	1.05	PPBV	90
70) p-DICHLOROBENZENE	18.068	146	57188m	1.58	PPBV	
71) o-DICHLOROBENZENE	18.455	146	70250	1.96	PPBV	95
72) HEXACHLOROBUTADIENE	20.840	225	36586	2.47	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.354	180	8065m	1.54	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q1091.D
Acq On : 18 Jul 2006 4:36 pm
Operator : DougY
Sample : IC57-5 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

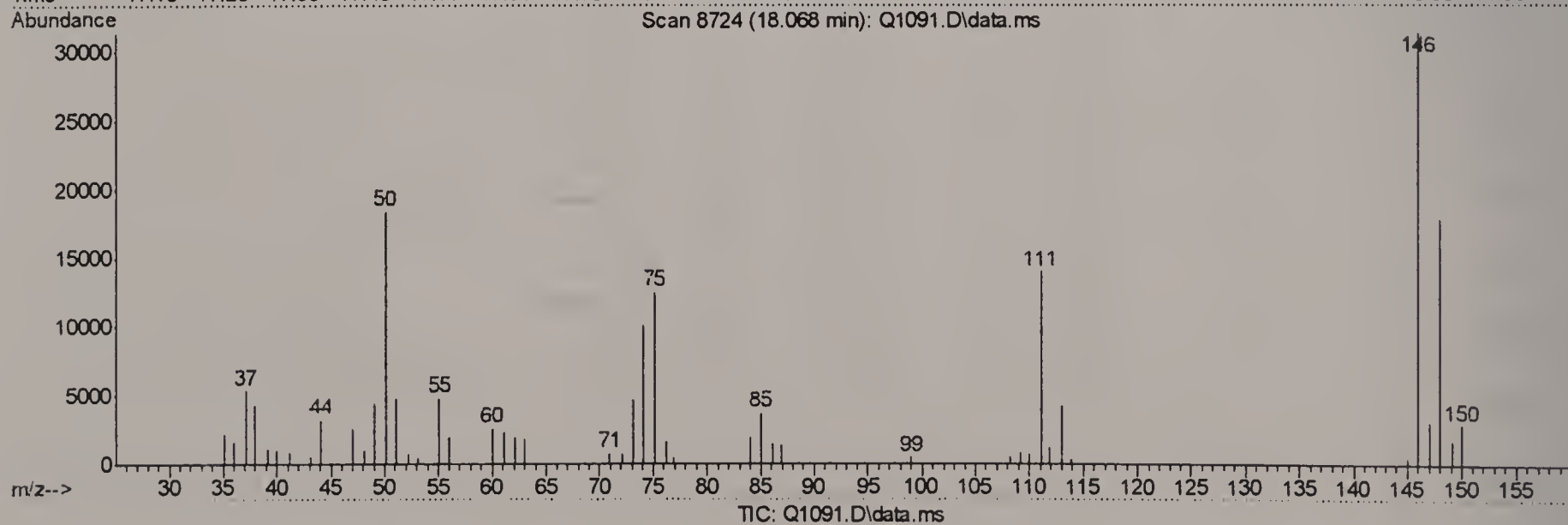
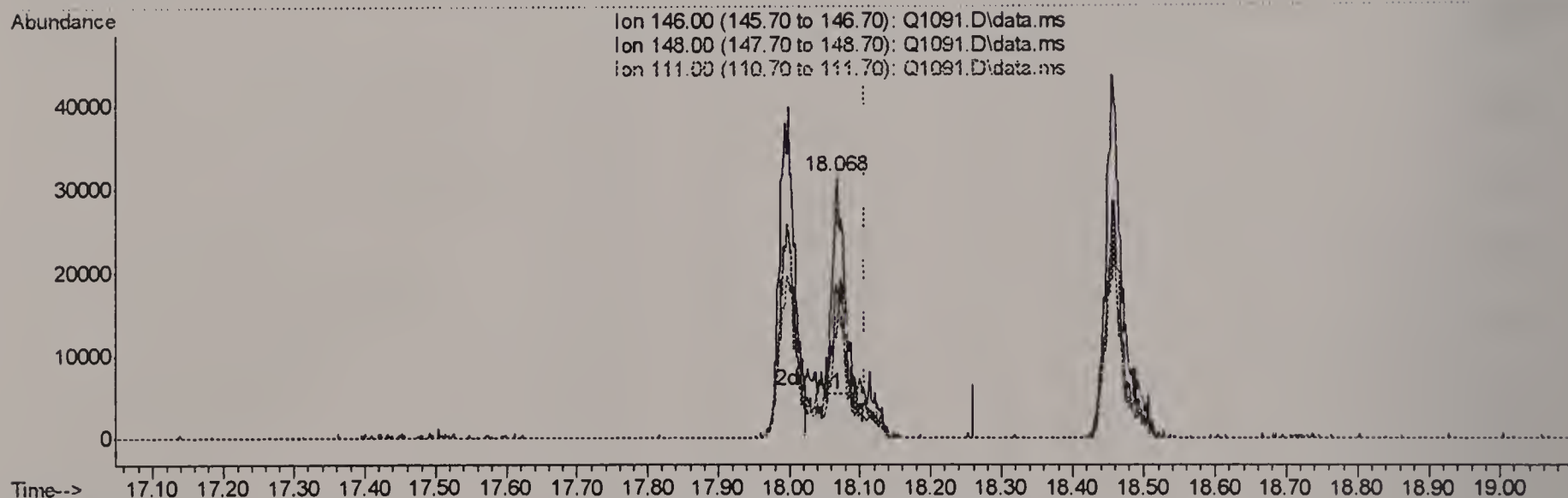
Quant Time: Jul 19 07:46:15 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1091.D
 Acq On : 18 Jul 2006 4:36 pm
 Operator : DougY
 Sample : IC57-5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.88PPBV

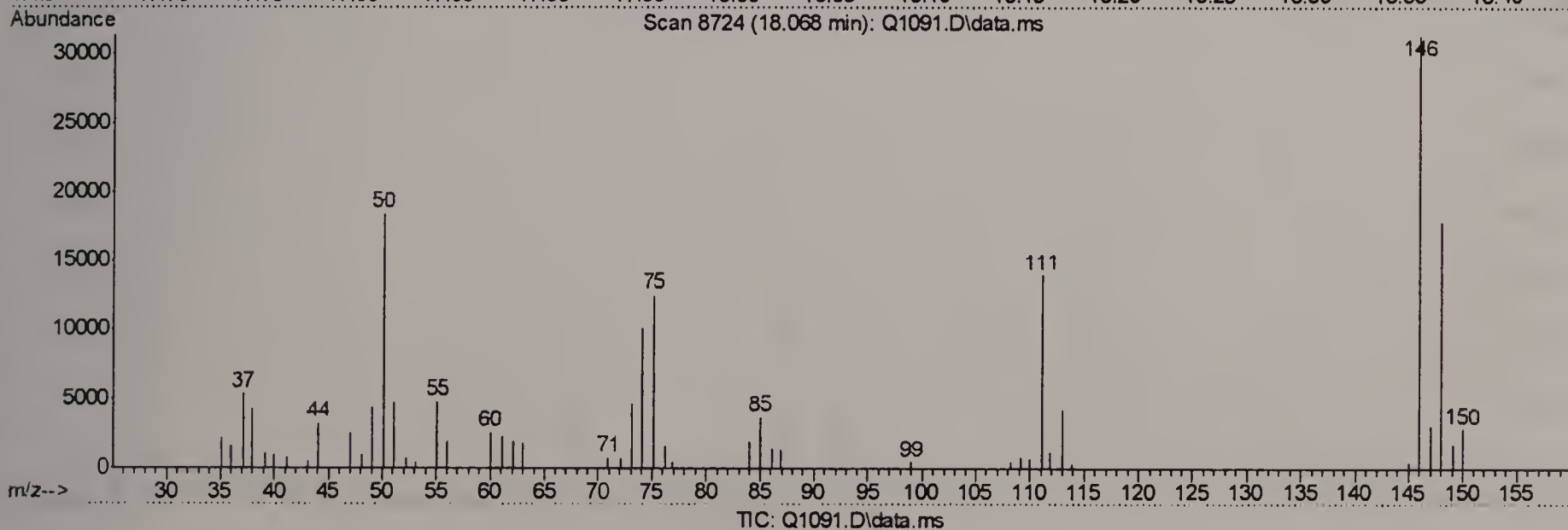
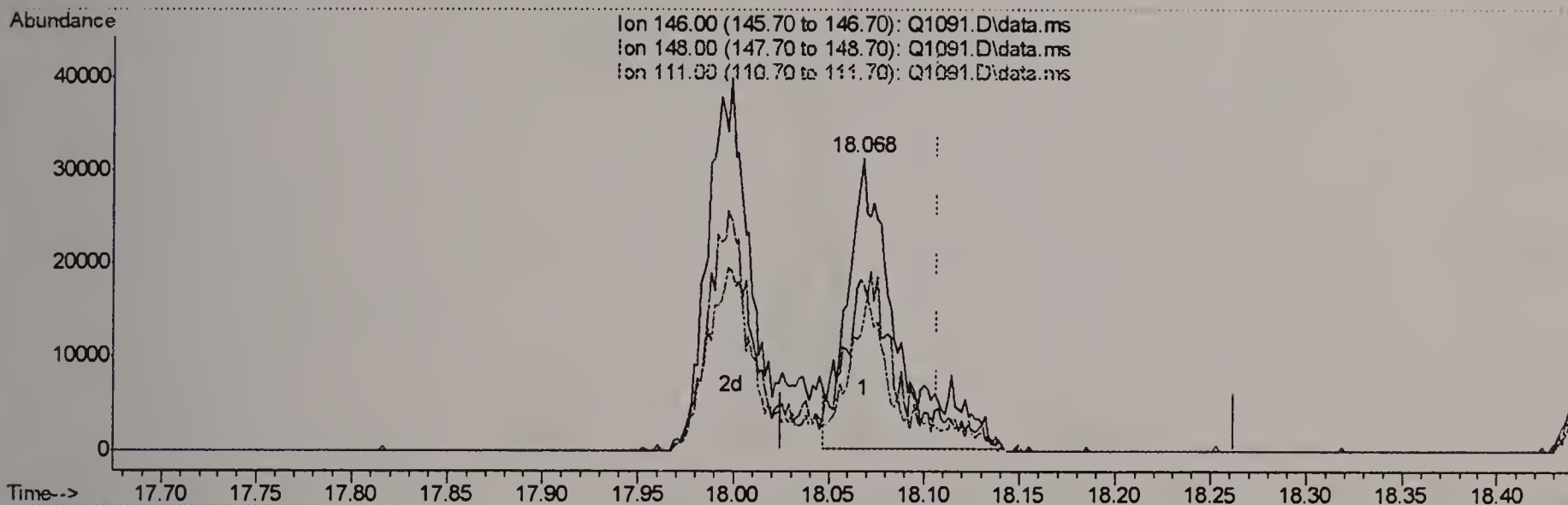
response 31695

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	78.66
111.00	42.40	47.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1091.D
 Acq On : 18 Jul 2006 4:36 pm
 Operator : DougY
 Sample : IC57-5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 1.58PPBV m

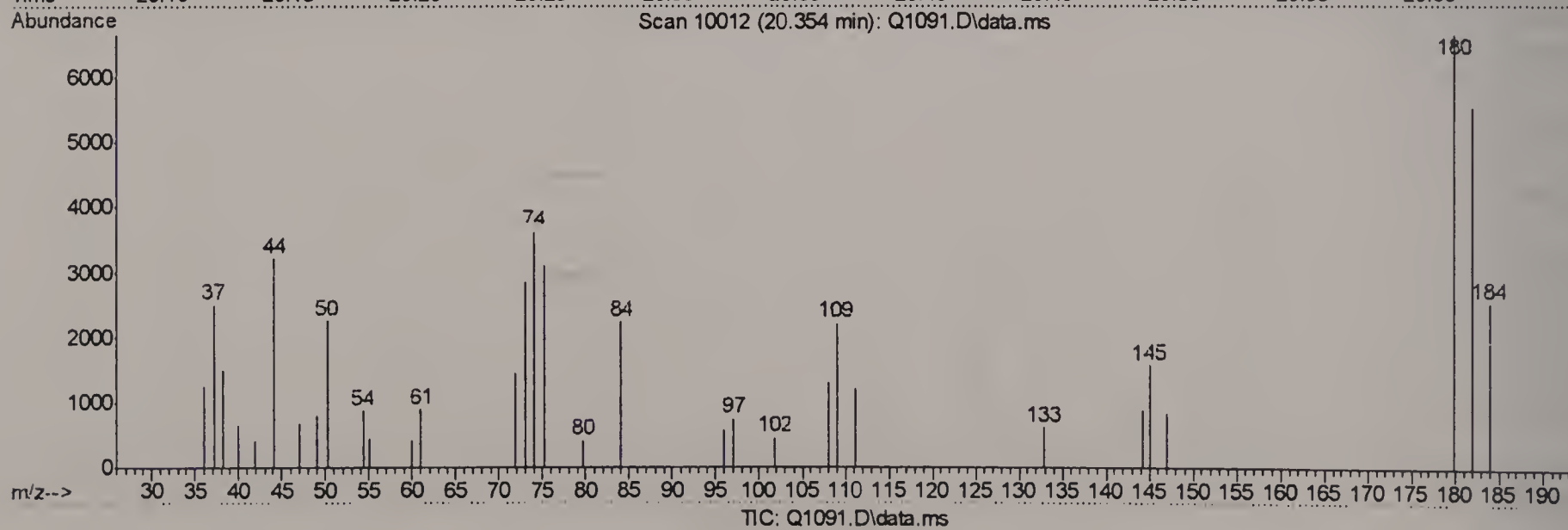
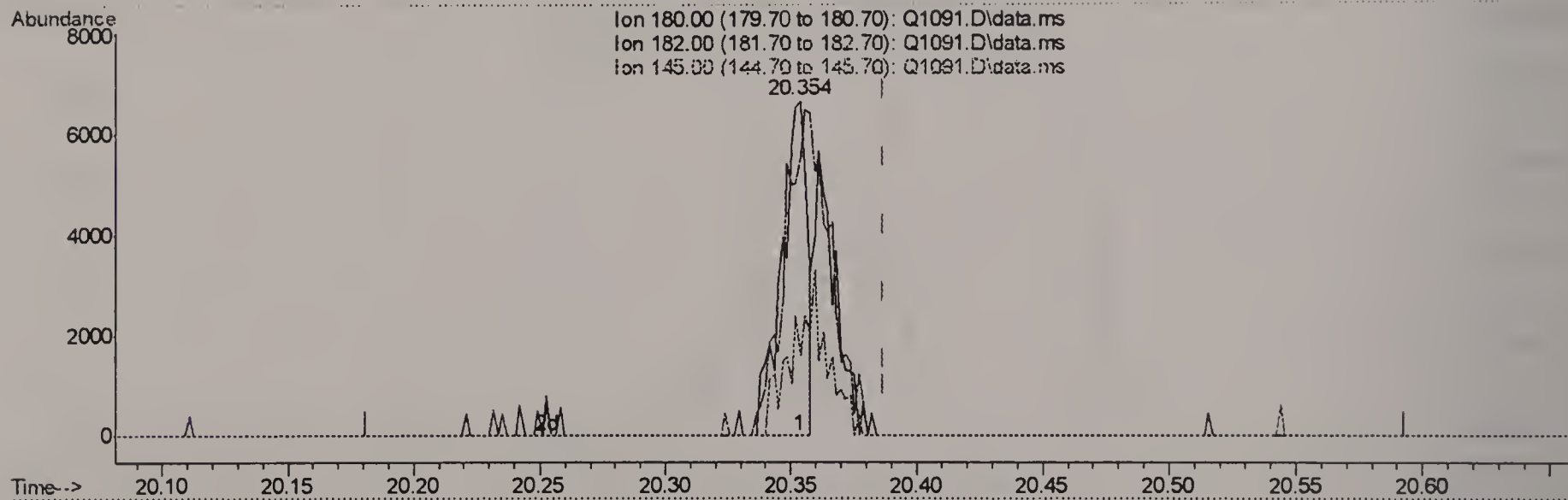
response 57188

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	43.60
111.00	42.40	26.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1091.D
 Acq On : 18 Jul 2006 4:36 pm
 Operator : DougY
 Sample : IC57-5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(73) 1,2,4-TRICHLOROBENZENE (m)

20.354min (-0.033) 0.91PPBV

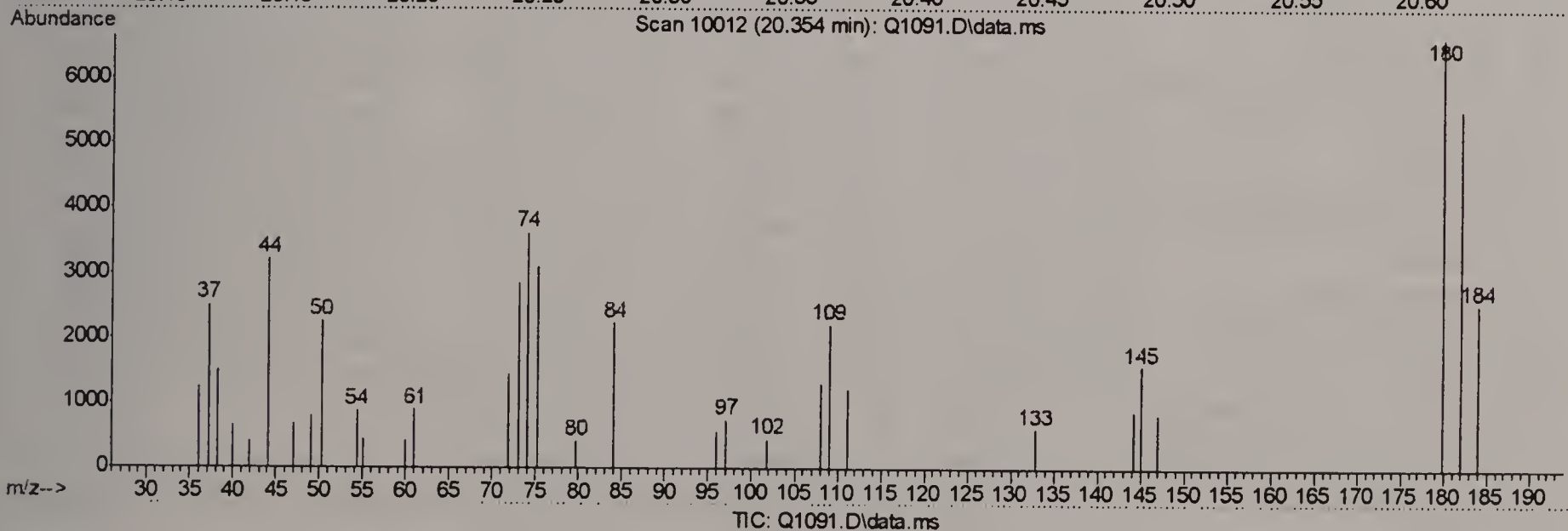
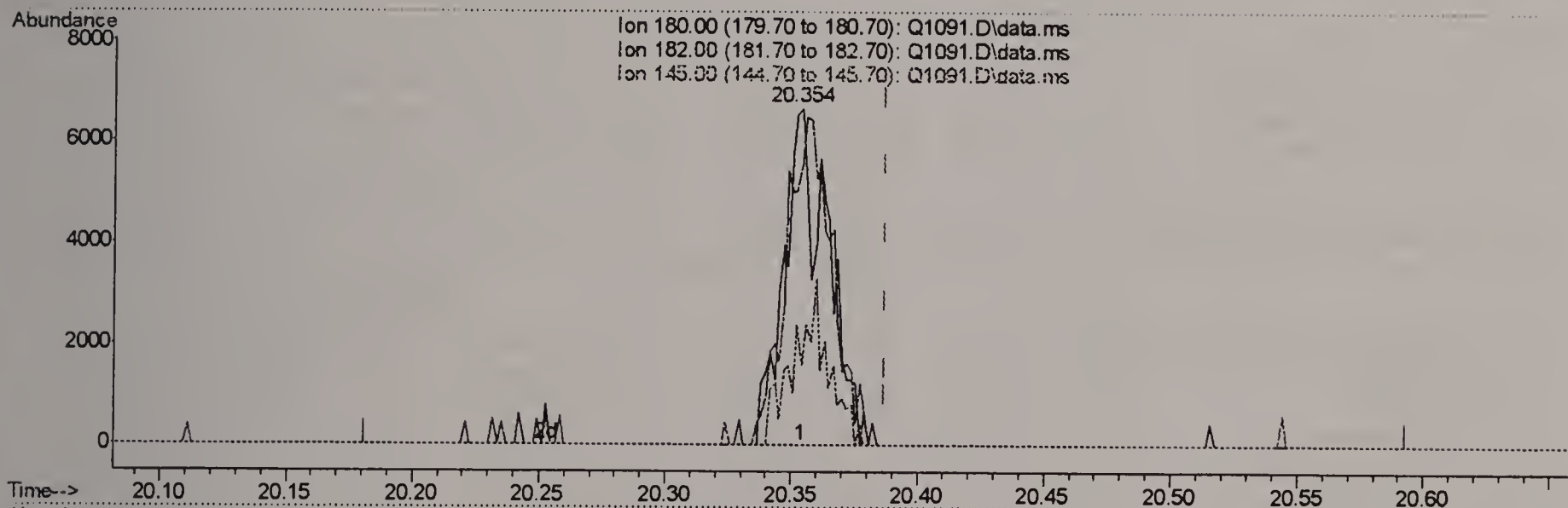
response 4729

Ion	Exp%	Act%
180.00	100	100
182.00	97.20	173.44#
145.00	30.90	64.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1091.D
 Acq On : 18 Jul 2006 4:36 pm
 Operator : DougY
 Sample : IC57-5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



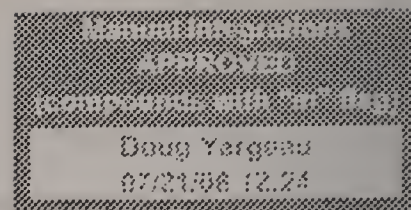
(73) 1,2,4-TRICHLOROBENZENE (m)

20.354min (-0.033) 1.54PPBV m

response 8065

Ion	Exp%	Act%
180.00	100	100
182.00	97.20	101.70
145.00	30.90	37.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:48:03 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.692	128	223517	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.523	114	784260	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.769	117	589286	10.00	PPBV	-0.04

System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.389	95	191315	4.66	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	93.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.054	85	232313	1.41	PPBV	95
3) PROPYLENE	3.989	41	78267	1.44	PPBV	92
4) FREON 114	4.322	85	210426	1.31	PPBV	87
5) CHLOROMETHANE	4.225	50	110801	1.62	PPBV	96
6) VINYL CHLORIDE	4.450	62	76519	1.23	PPBV	97
7) 1,3-BUTADIENE	4.585	39	91875	1.62	PPBV	83
8) BROMOMETHANE	4.869	94	56101	1.16	PPBV #	61
9) CHLOROETHANE	5.050	64	32648	1.26	PPBV	76
10) TRICHLOROFLUOROMETHANE	5.833	101	243304	1.55	PPBV	100
11) ISOPROPYL ALCOHOL	5.875	45	139253	1.46	PPBV	81
12) ACETONE	5.645	43	167385	1.68	PPBV	91
13) PENTANE	6.196	42	108530	1.62	PPBV	92
14) 1,1-DICHLOROETHYLENE	6.477	96	44672	1.02	PPBV #	27
15) CARBON DISULFIDE	6.910	76	148474	1.32	PPBV	74
16) ETHANOL	5.137	45	34107m	1.81	PPBV	
17) BROMOETHENE	5.416	106	44284	1.02	PPBV #	92
18) METHYLENE CHLORIDE	6.599	84	53113m	1.19	PPBV	
19) 3-CHLOROPROPENE	6.709	39	81145	1.67	PPBV	83
20) FREON 113	6.851	151	69955	1.02	PPBV #	65
21) TRANS-1,2-DICHLOROETHY...	7.520	96	42157	1.06	PPBV #	56
22) TERTIARY BUTYL ALCOHOL	6.484	59	126016	1.42	PPBV	73
23) METHYL TERTIARY BUTYL ...	7.765	73	124882	1.19	PPBV	84
24) TETRAHYDROFURAN	9.205	42	64929	1.17	PPBV	81
25) HEXANE	8.729	57	108104	1.61	PPBV	87
26) VINYL ACETATE	7.838	43	72400	0.63	PPBV	93
27) 1,1-DICHLOROETHANE	7.723	63	124059	1.40	PPBV	94
28) METHYL ETHYL KETONE	8.087	43	150998	1.67	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.529	96	41374	1.13	PPBV #	72
30) ETHYL ACETATE	8.726	43	219800	1.90	PPBV #	97
31) CHLOROFORM	8.813	83	139008	1.49	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.773	97	97646	1.14	PPBV	89
33) CARBON TETRACHLORIDE	10.351	117	111343	1.24	PPBV	99
34) 1,2-DICHLOROETHANE	9.528	62	76263	1.25	PPBV	98
36) BENZENE	10.215	78	92360	1.17	PPBV	80
37) CYCLOHEXANE	10.477	84	44882	1.20	PPBV #	81
38) TRICHLOROETHYLENE	11.212	95	49905	1.41	PPBV	89
39) 1,2-DICHLOROPROPANE	10.988	63	44423	1.31	PPBV	97
40) BROMODICHLOROMETHANE	11.169	83	82432	1.53	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.232	57	293599	1.53	PPBV	96
42) 1,4-DIOXANE	11.201	88	14636	1.10	PPBV #	75
43) HEPTANE	11.468	43	125490	1.75	PPBV	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1092.D
Acq On : 18 Jul 2006 5:28 pm
Operator : DougY
Sample : IC57-2 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:48:03 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration

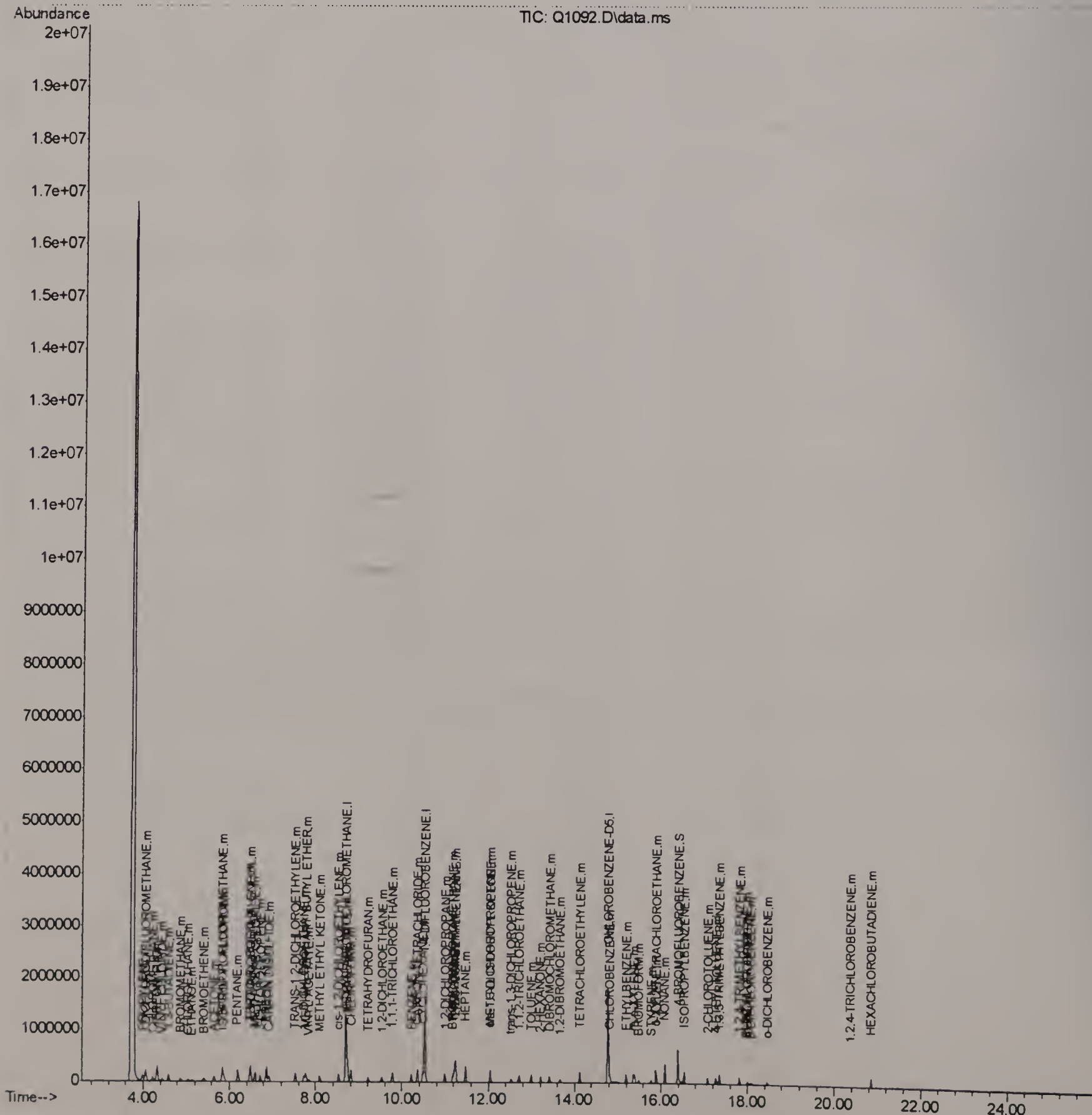
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.041	43	150882	1.98	PPBV	88
45) cis-1,3-DICHLOROPROPENE	12.023	75	39314	1.12	PPBV #	53
46) TOLUENE	12.989	92	40184	0.92	PPBV	89
47) trans-1,3-DICHLOROPROPENE	12.525	75	25896	0.97	PPBV #	74
48) 1,1,2-TRICHLOROETHANE	12.701	83	32217	1.39	PPBV	90
50) 2-HEXANONE	13.210	43	91536	1.61	PPBV	83
51) TETRACHLOROETHYLENE	14.119	164	23716	1.04	PPBV #	80
52) DIBROMOCHLOROMETHANE	13.411	129	43283	1.38	PPBV	97
53) 1,2-DIBROMOETHANE	13.661	107	33495	1.14	PPBV	98
54) CHLOROBENZENE	14.811	112	50683	1.20	PPBV	90
55) ETHYLBENZENE	15.195	91	80521	1.04	PPBV	97
56) m,p-XYLENE	15.370	106	59200m	2.08	PPBV	
57) o-XYLENE	15.887	106	29626	1.13	PPBV #	86
58) STYRENE	15.768	104	21662	0.65	PPBV	87
59) NONANE	16.086	43	145835	1.85	PPBV	90
60) BROMOFORM	15.489	173	22307	1.14	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.876	83	60003	1.39	PPBV	97
63) ISOPROPYLBENZENE	16.533	105	98226	1.25	PPBV	92
64) 2-CHLOROTOLUENE	17.079	91	56438	1.02	PPBV	88
65) 4-ETHYLTOLUENE	17.268	105	57455	0.95	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	71521	1.22	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.814	105	47993	0.94	PPBV	96
68) m-DICHLOROBENZENE	17.993	146	19999	0.91	PPBV	90
69) BENZYL CHLORIDE	17.977	91	8731	0.35	PPBV	73
70) p-DICHLOROBENZENE	18.073	146	17410m	0.78	PPBV	
71) o-DICHLOROBENZENE	18.455	146	20986m	0.94	PPBV	
72) HEXACHLOROBUTADIENE	20.844	225	12400	1.35	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.356	180	2092	0.65	PPBV	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1092.D  
Acq On    : 18 Jul 2006    5:28 pm  
Operator   : DougY  
Sample     : IC57-2 (M016)  
Misc      : MS11802,  MSQ57,,,,,1  
ALS Vial   : 3    Sample Multiplier: 1
```

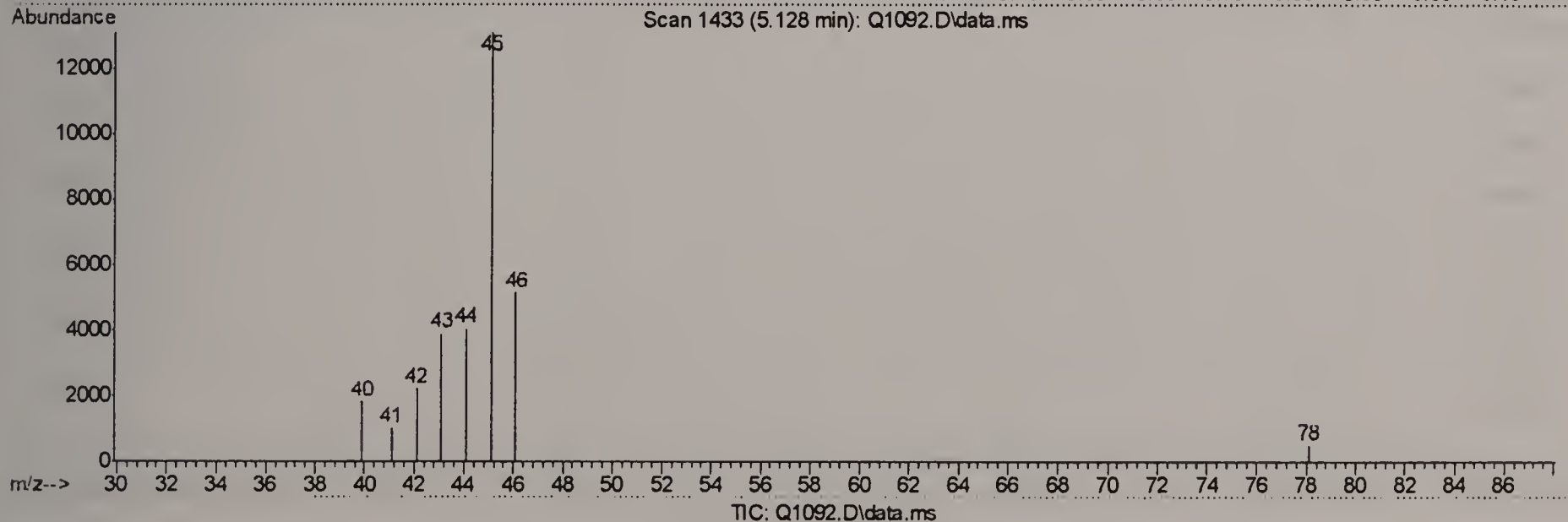
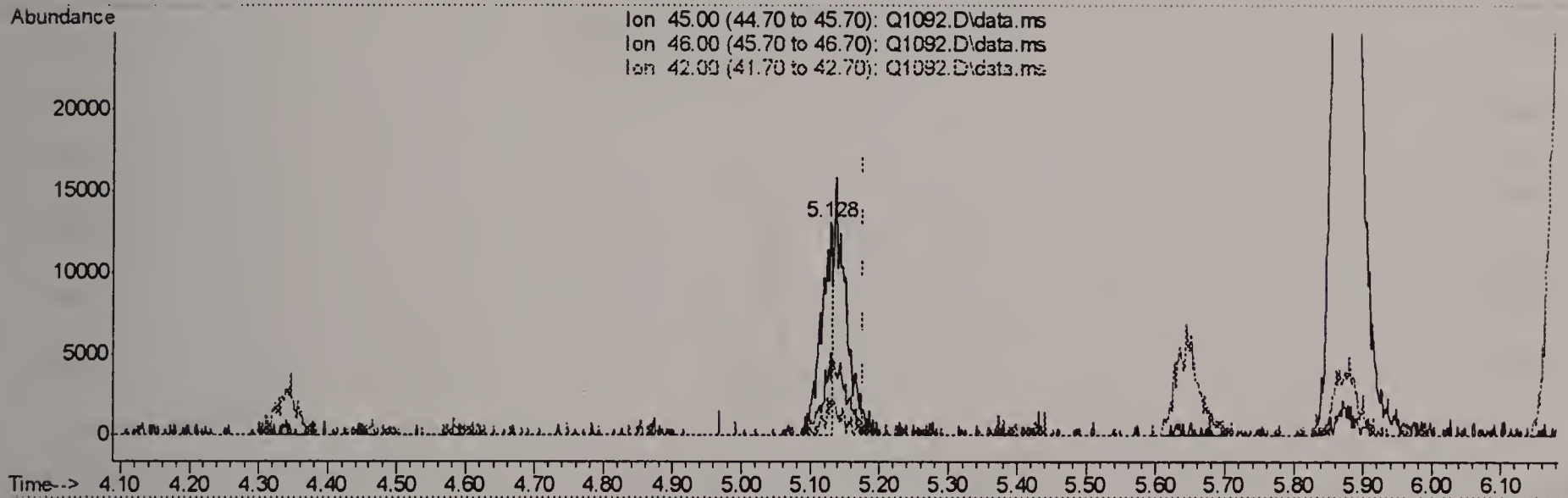
Quant Time: Jul 19 07:48:03 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.128min (-0.048) 0.77PPBV

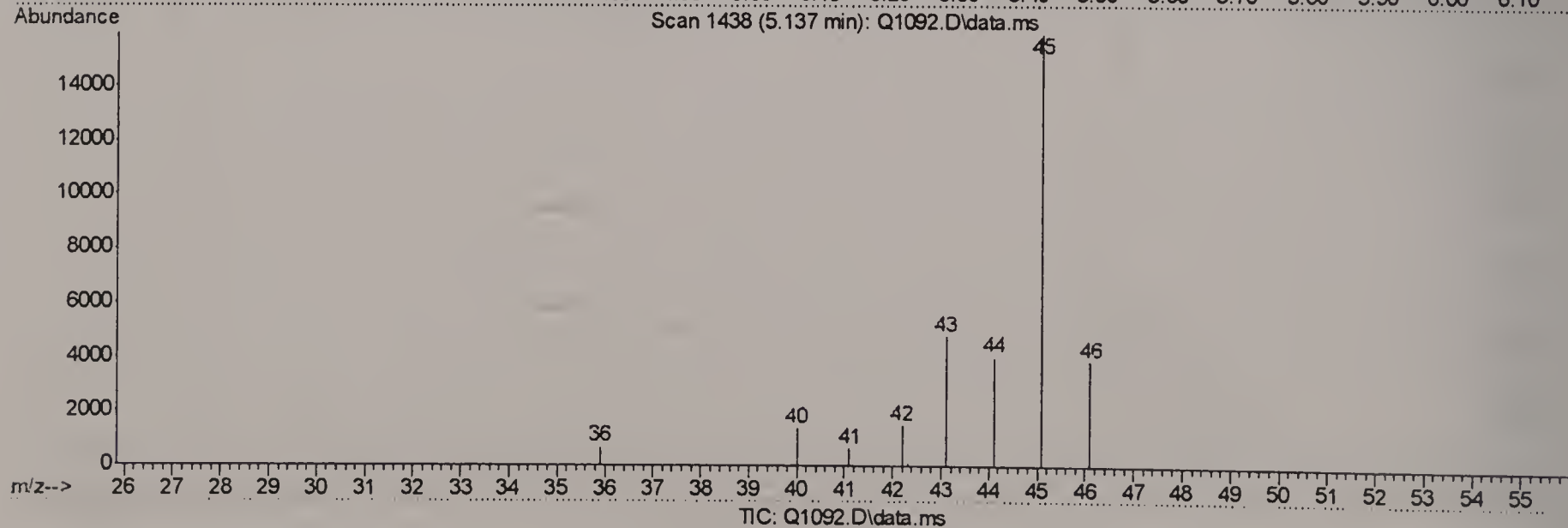
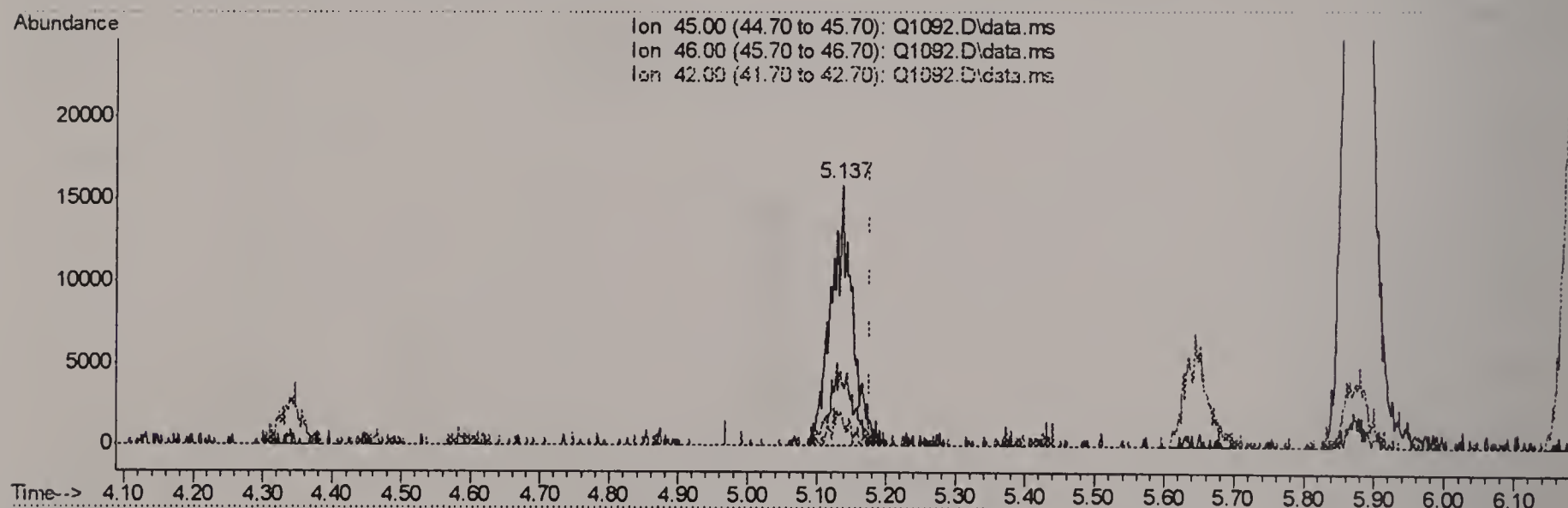
response 14585

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	44.67
42.00	8.80	22.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.137min (-0.039) 1.81PPBV m

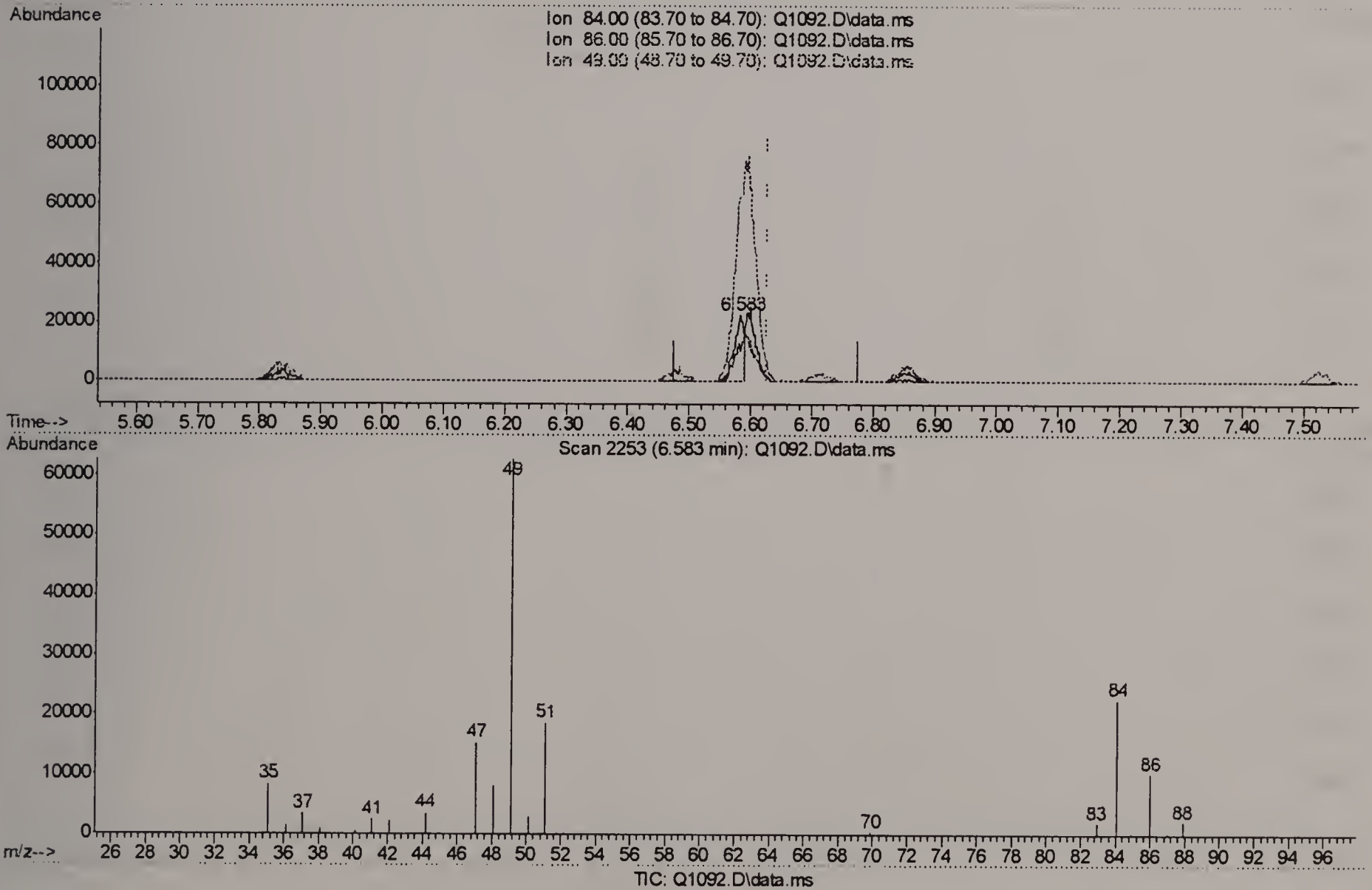
response 34107

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	19.10
42.00	8.80	9.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.583min (-0.043) 0.57PPBV

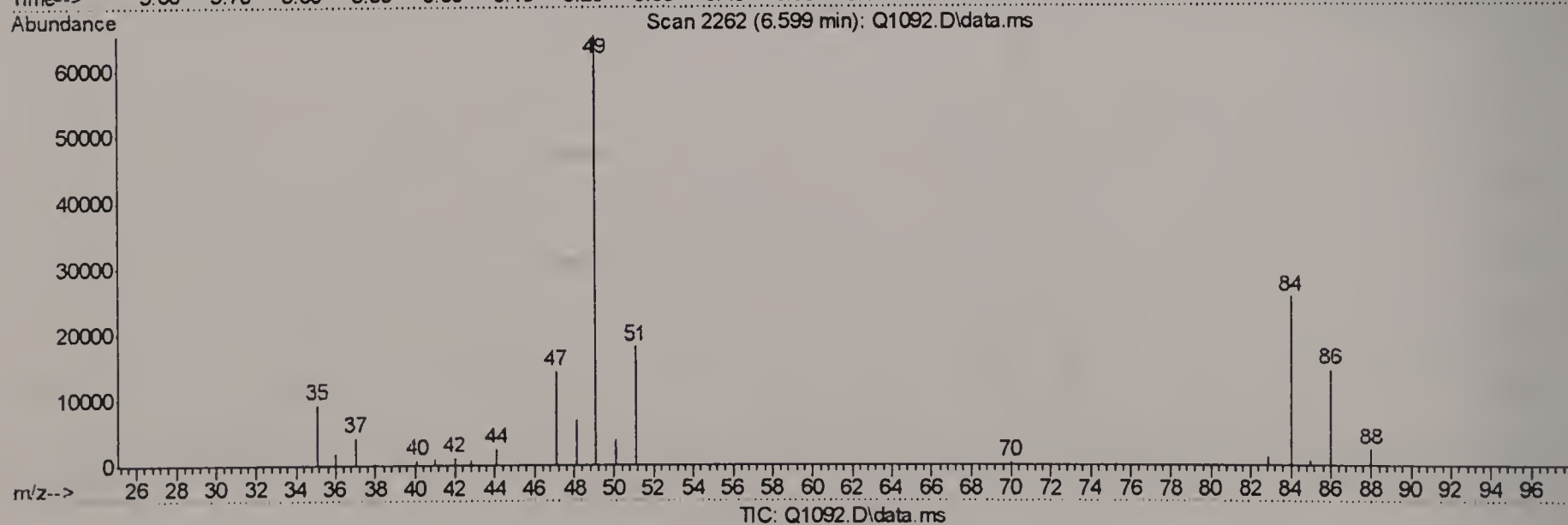
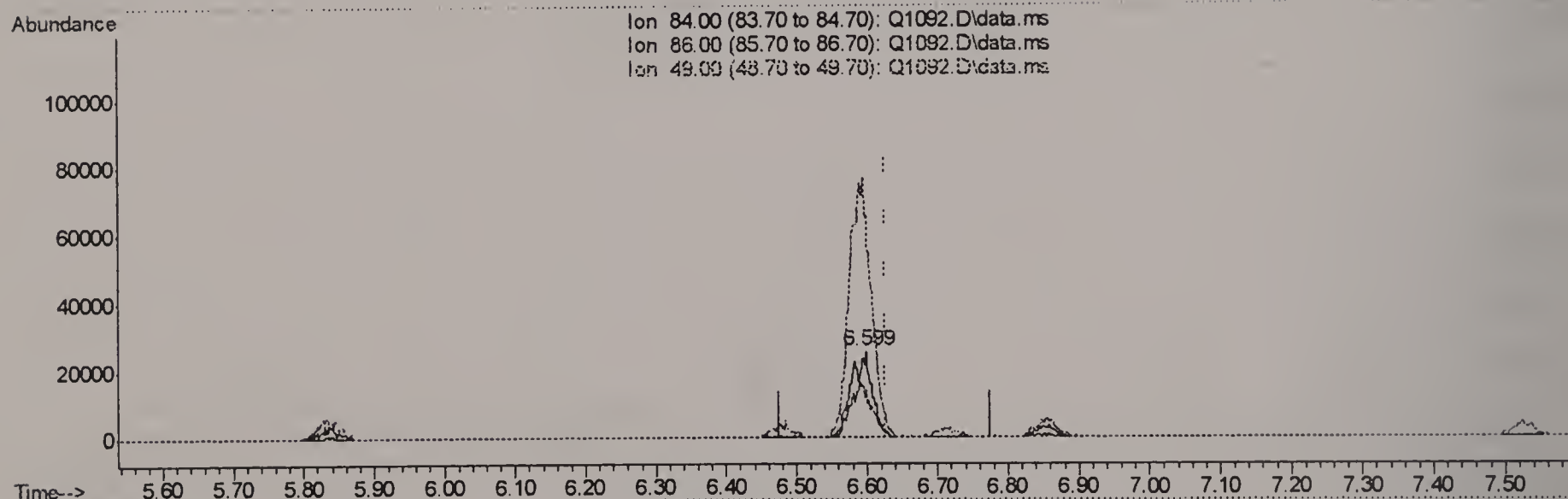
response 25363

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	134.74#
49.00	200.70	658.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.599min (-0.027) 1.19PPBV m

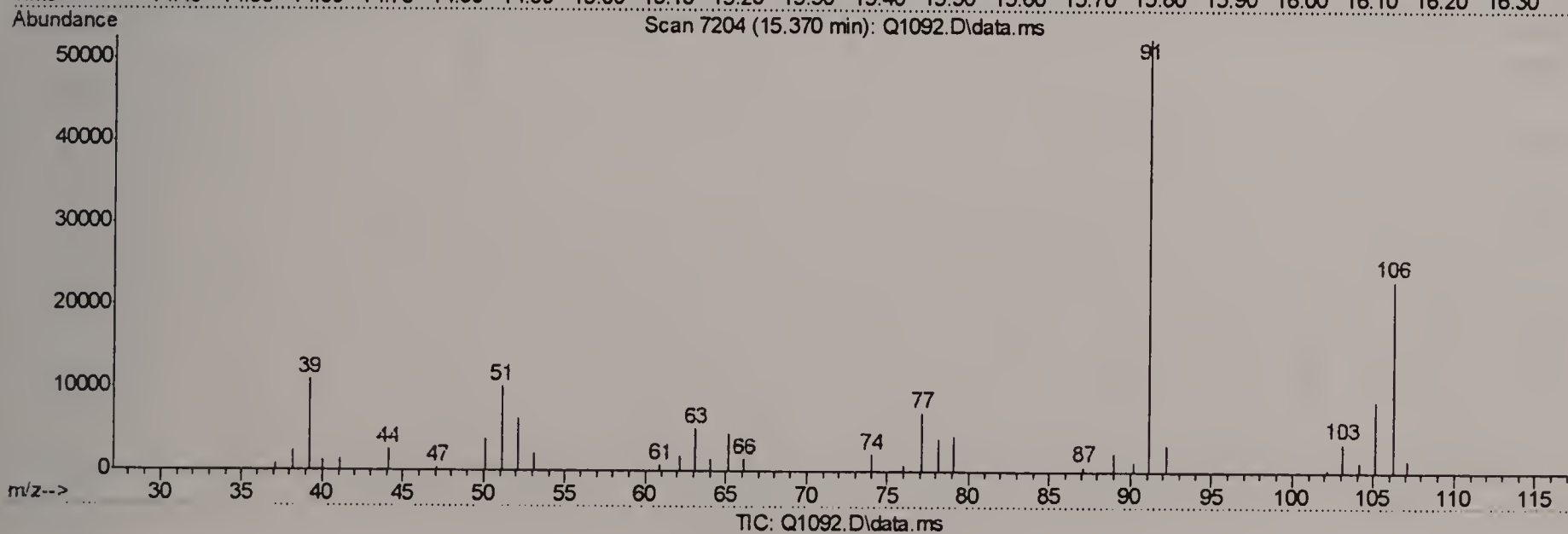
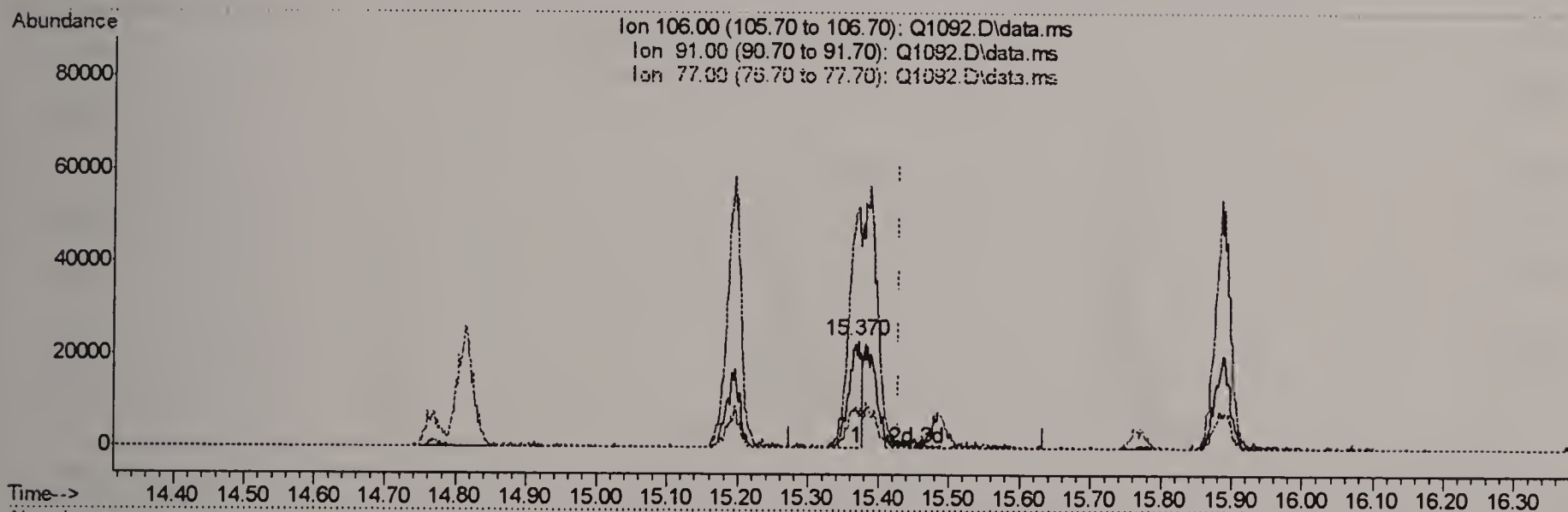
response 53113

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	64.34
49.00	200.70	314.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.370min (-0.059) 1.01PPBV

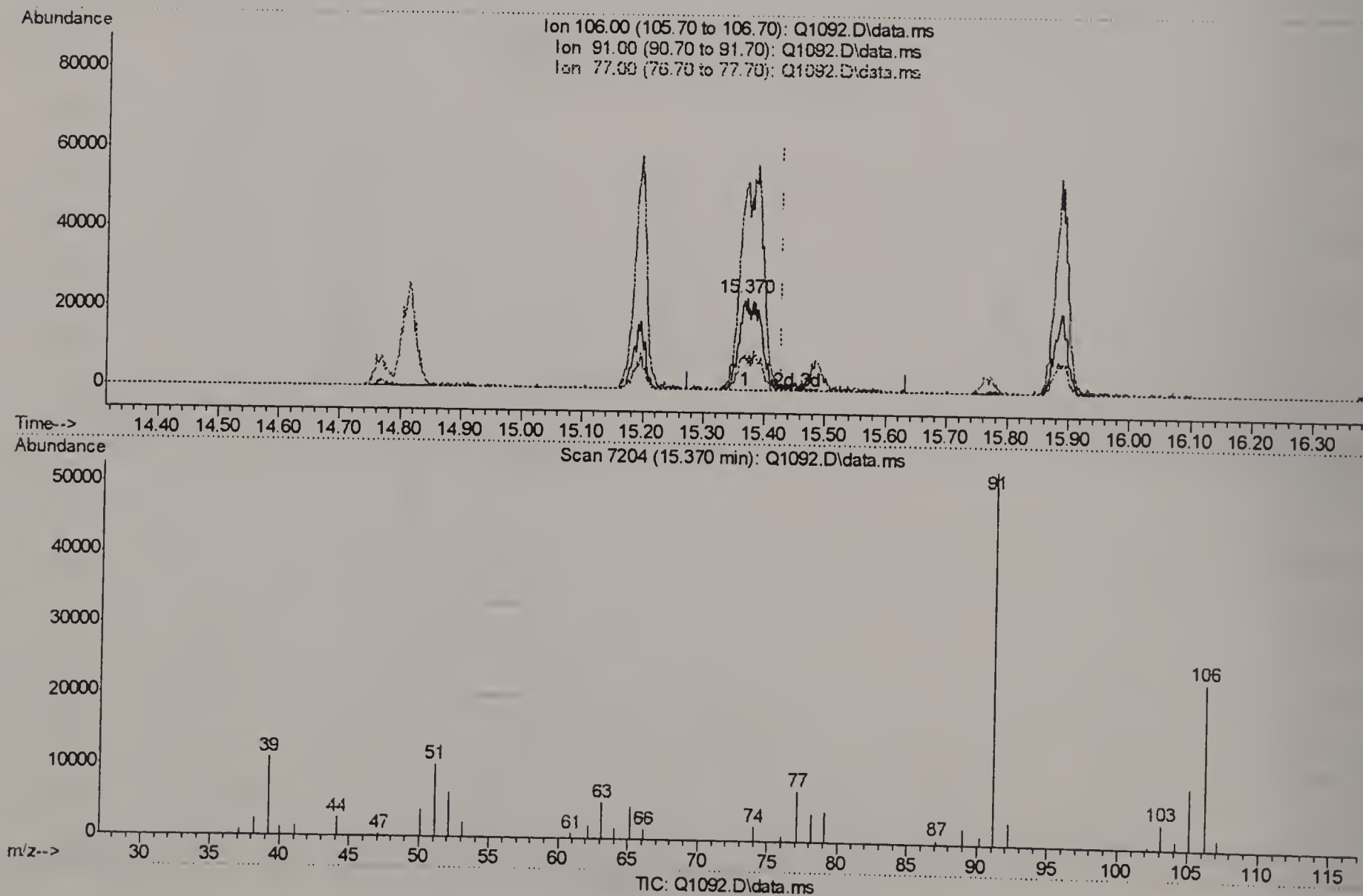
response 28723

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	225.15
77.00	31.80	30.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.370min (-0.059) 2.08PPBV m

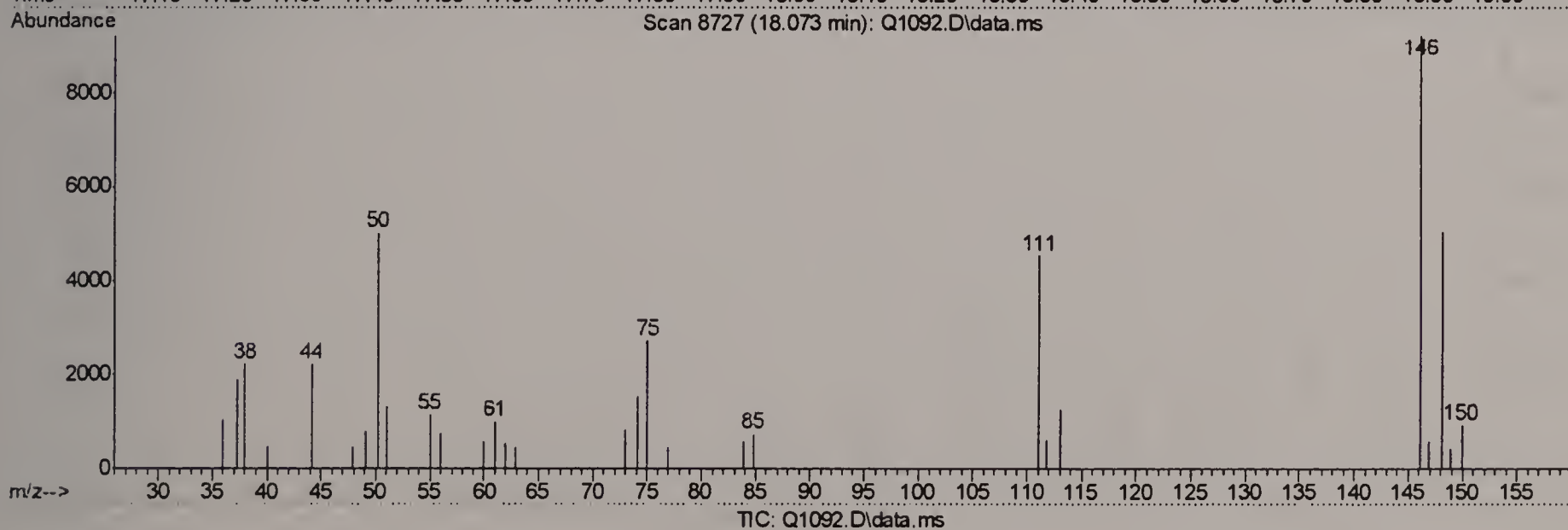
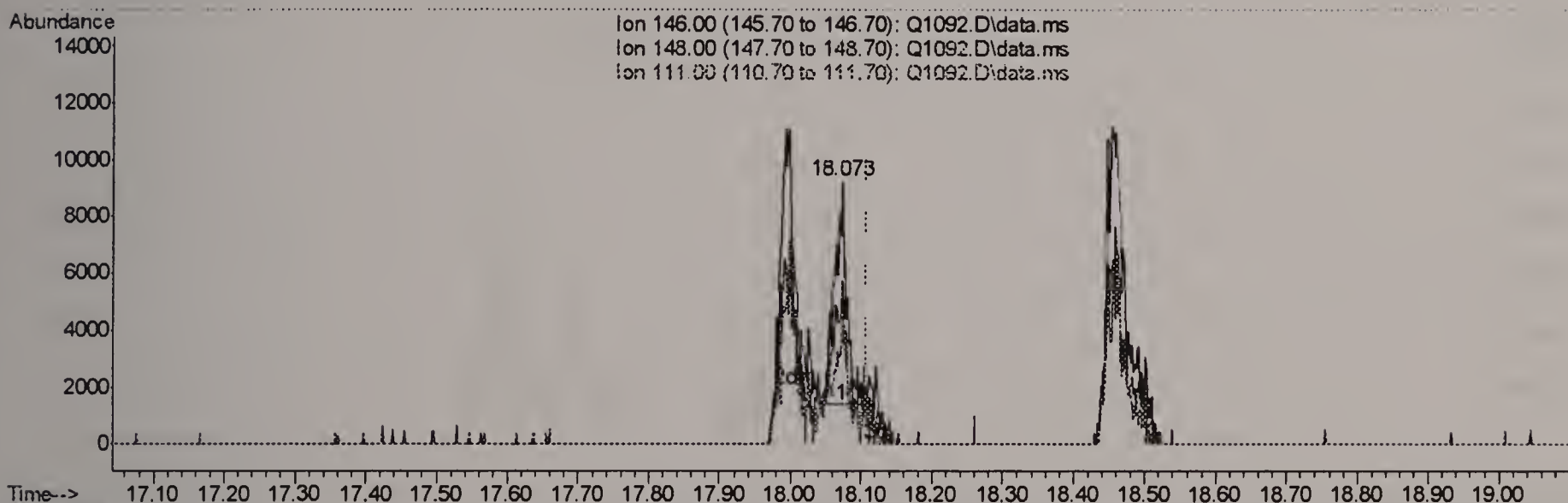
response 59200

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	225.15
77.00	31.80	30.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.073min (-0.034) 0.43PPBV

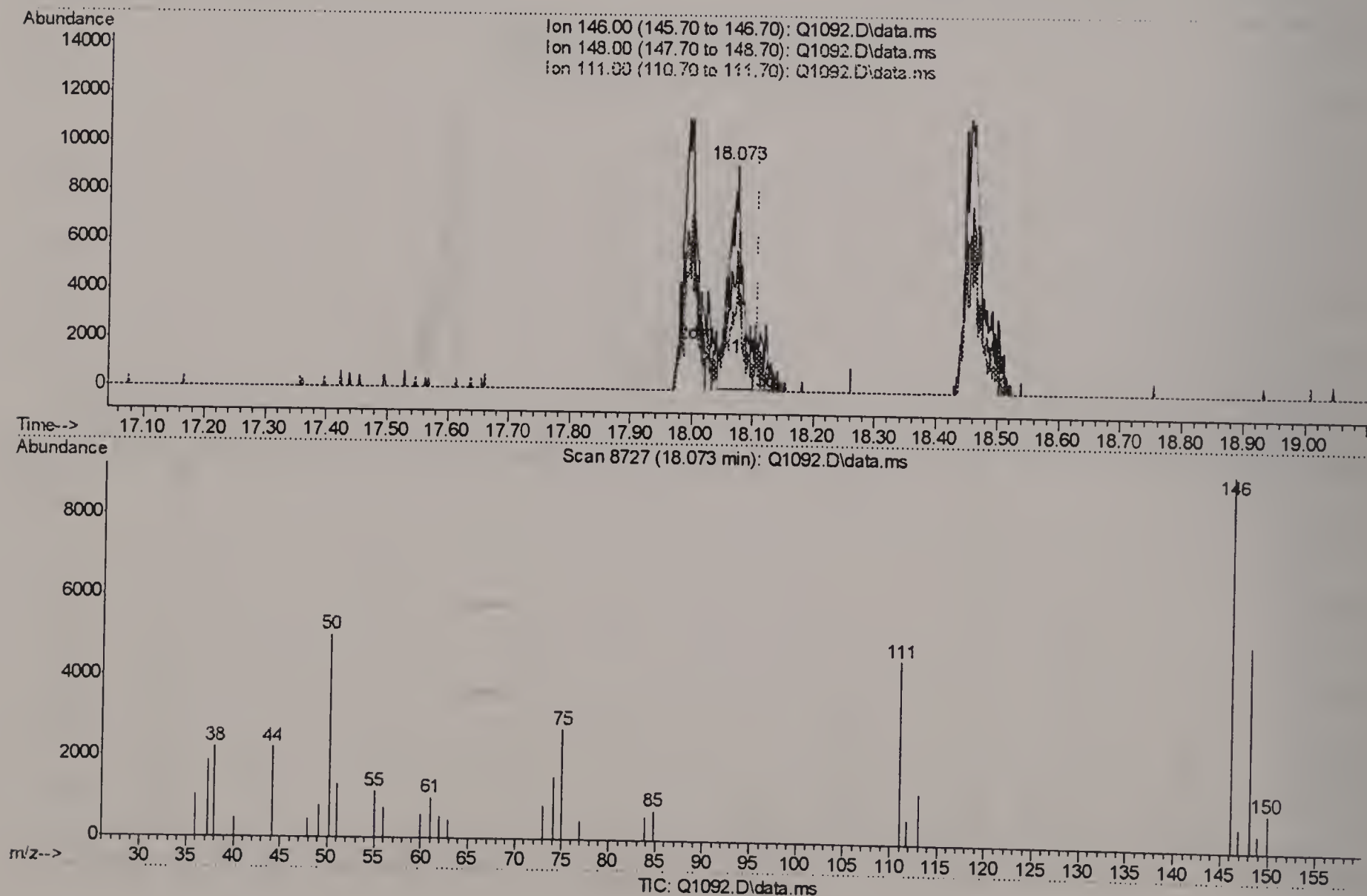
response 9536

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	78.27
111.00	42.40	82.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.073min (-0.034) 0.78PPBV m

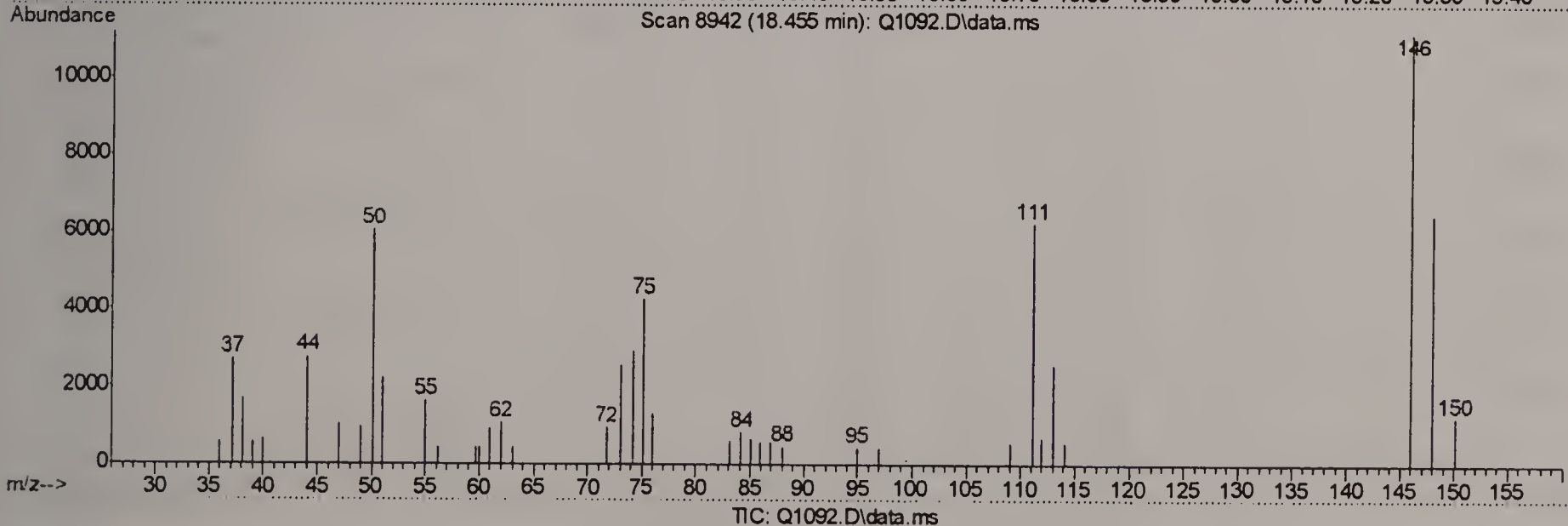
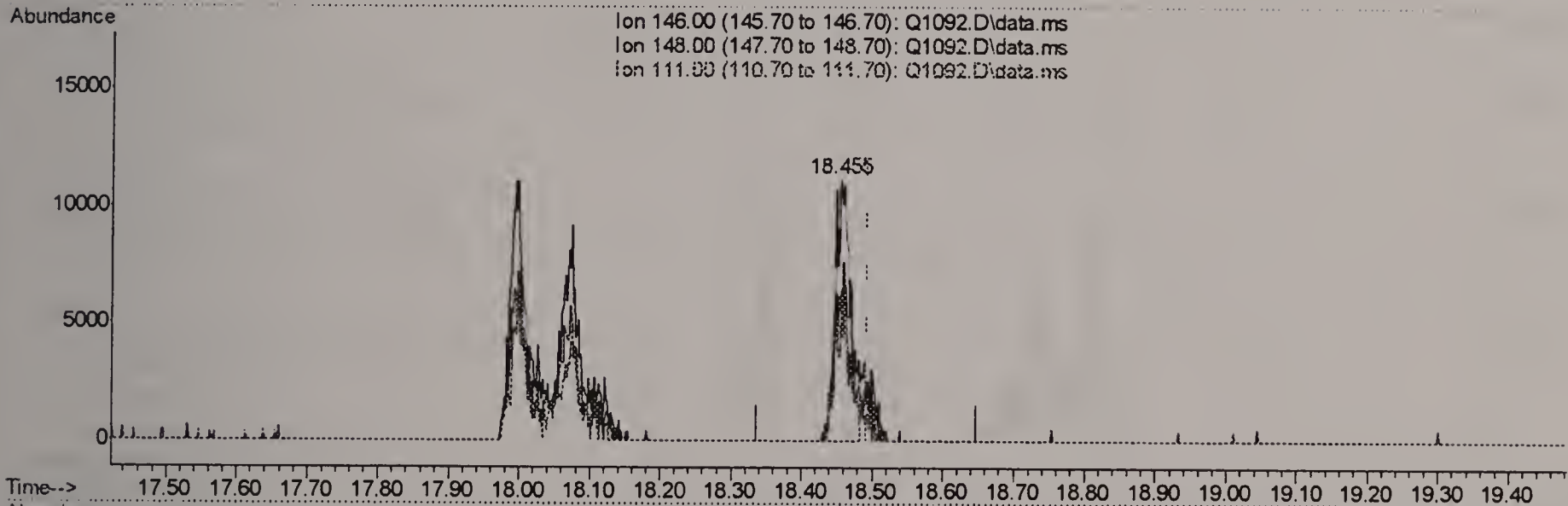
response 17410

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	42.87#
111.00	42.40	45.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.455min (-0.037) 0.79PPBV

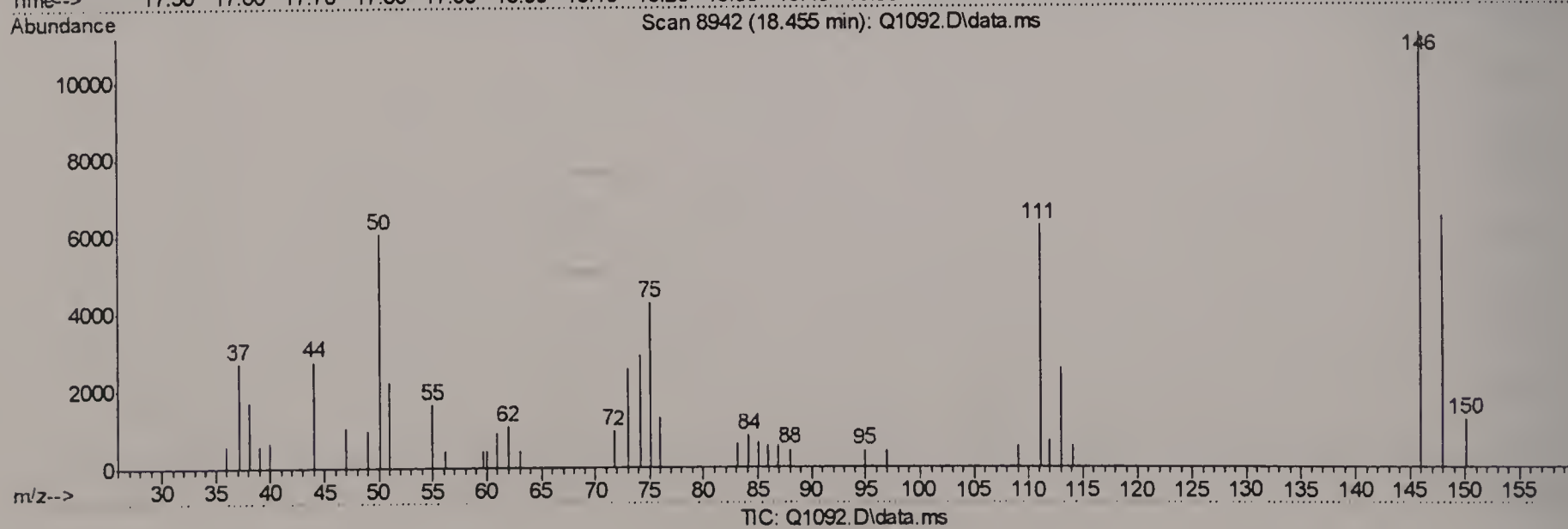
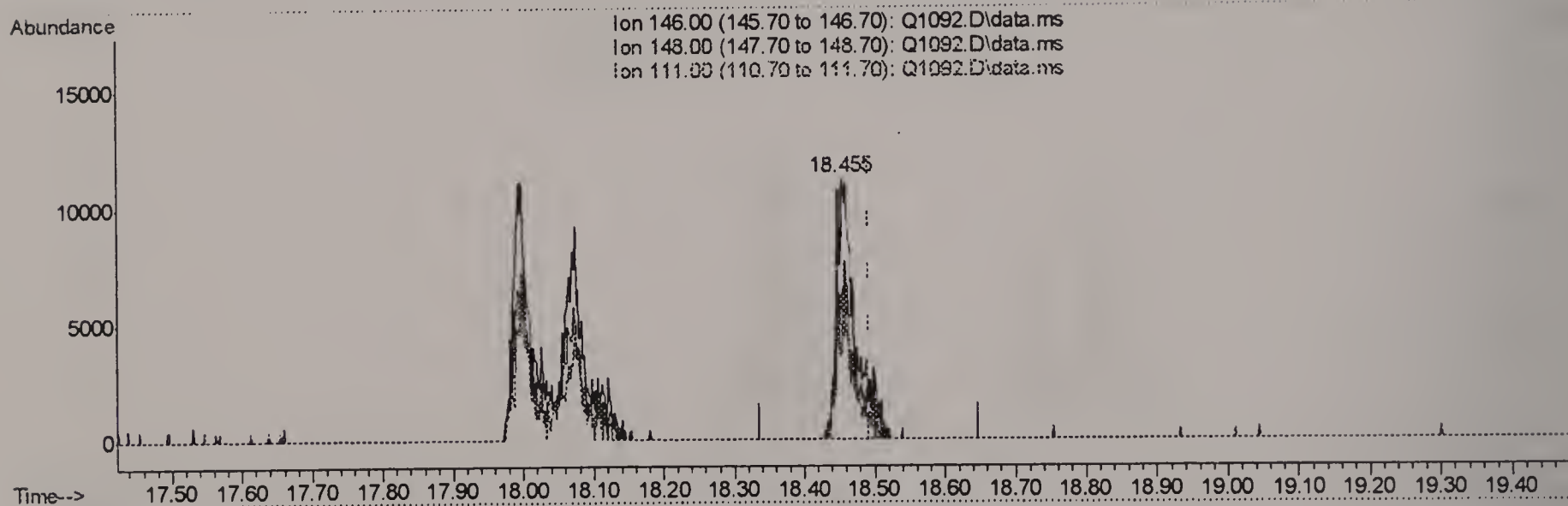
response 17492

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	65.52
111.00	45.70	54.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1092.D
 Acq On : 18 Jul 2006 5:28 pm
 Operator : DougY
 Sample : IC57-2 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

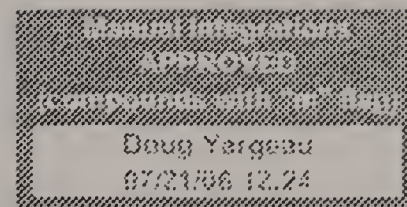


(71) o-DICHLOROBENZENE (m)

18.455min (-0.037) 0.94PPBV m

response 20986

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	54.61
111.00	45.70	45.43
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1093.D
Acq On : 18 Jul 2006 6:20 pm
Operator : DougY
Sample : IC57-1 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 08:06:12 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.687	128	198001	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	735308	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.769	117	538042	10.00	PPBV	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.386	95	171875	4.58	PPBV	-0.04
Spiked Amount 5.000	Range 57 - 139		Recovery	=	91.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.056	85	131265	0.90	PPBV	93
3) PROPYLENE	3.982	41	43364	0.90	PPBV	86
4) FREON 114	4.317	85	116658	0.82	PPBV	86
5) CHLOROMETHANE	4.220	50	64315	1.06	PPBV	90
6) VINYL CHLORIDE	4.450	62	42884m	0.78	PPBV	
7) 1,3-BUTADIENE	4.585	39	49165	0.98	PPBV #	79
8) BROMOMETHANE	4.857	94	28789	0.67	PPBV	92
9) CHLOROETHANE	5.045	64	17412	0.76	PPBV	70
10) TRICHLOROFLUOROMETHANE	5.829	101	132115	0.95	PPBV	95
11) ISOPROPYL ALCOHOL	5.868	45	73706	0.87	PPBV	84
12) ACETONE	5.645	43	98365	1.11	PPBV	89
13) PENTANE	6.189	42	59648	1.00	PPBV	89
14) 1,1-DICHLOROETHYLENE	6.477	96	24266	0.63	PPBV #	38
15) CARBON DISULFIDE	6.908	76	79460	0.80	PPBV	79
16) ETHANOL	5.141	45	18922	1.13	PPBV	82
17) BROMOETHENE	5.409	106	23063	0.60	PPBV #	72
18) METHYLENE CHLORIDE	6.592	84	28347	0.72	PPBV	34
19) 3-CHLOROPROPENE	6.710	39	43050	1.00	PPBV #	80
20) FREON 113	6.850	151	37416	0.61	PPBV #	62
21) TRANS-1,2-DICHLOROETHY...	7.519	96	23140	0.65	PPBV #	61
22) TERTIARY BUTYL ALCOHOL	6.475	59	65006	0.83	PPBV	65
23) METHYL TERTIARY BUTYL ...	7.758	73	65424	0.71	PPBV	82
24) TETRAHYDROFURAN	9.208	42	30385	0.62	PPBV	75
25) HEXANE	8.722	57	59708	1.00	PPBV	84
26) VINYL ACETATE	7.836	43	40607	0.40	PPBV	94
27) 1,1-DICHLOROETHANE	7.714	63	66741	0.85	PPBV	98
28) METHYL ETHYL KETONE	8.083	43	84129	1.05	PPBV	85
29) cis-1,2-DICHLOROETHYLENE	8.525	96	21558	0.66	PPBV #	65
30) ETHYL ACETATE	8.722	43	123059	1.20	PPBV	99
31) CHLOROFORM	8.809	83	75845	0.92	PPBV	92
32) 1,1,1-TRICHLOROETHANE	9.769	97	52723	0.69	PPBV	90
33) CARBON TETRACHLORIDE	10.350	117	61712	0.77	PPBV	100
34) 1,2-DICHLOROETHANE	9.528	62	41039	0.76	PPBV	98
36) BENZENE	10.209	78	46051	0.62	PPBV	91
37) CYCLOHEXANE	10.474	84	21456	0.61	PPBV #	79
38) TRICHLOROETHYLENE	11.207	95	25266	0.76	PPBV #	78
39) 1,2-DICHLOROPROPANE	10.983	63	23692	0.75	PPBV	97
40) BROMODICHLOROMETHANE	11.166	83	44310	0.87	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.235	57	152513	0.85	PPBV	76
42) 1,4-DIOXANE	11.203	88	7353m	0.59	PPBV	
43) HEPTANE	11.468	43	59787	0.89	PPBV	83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 08:06:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)

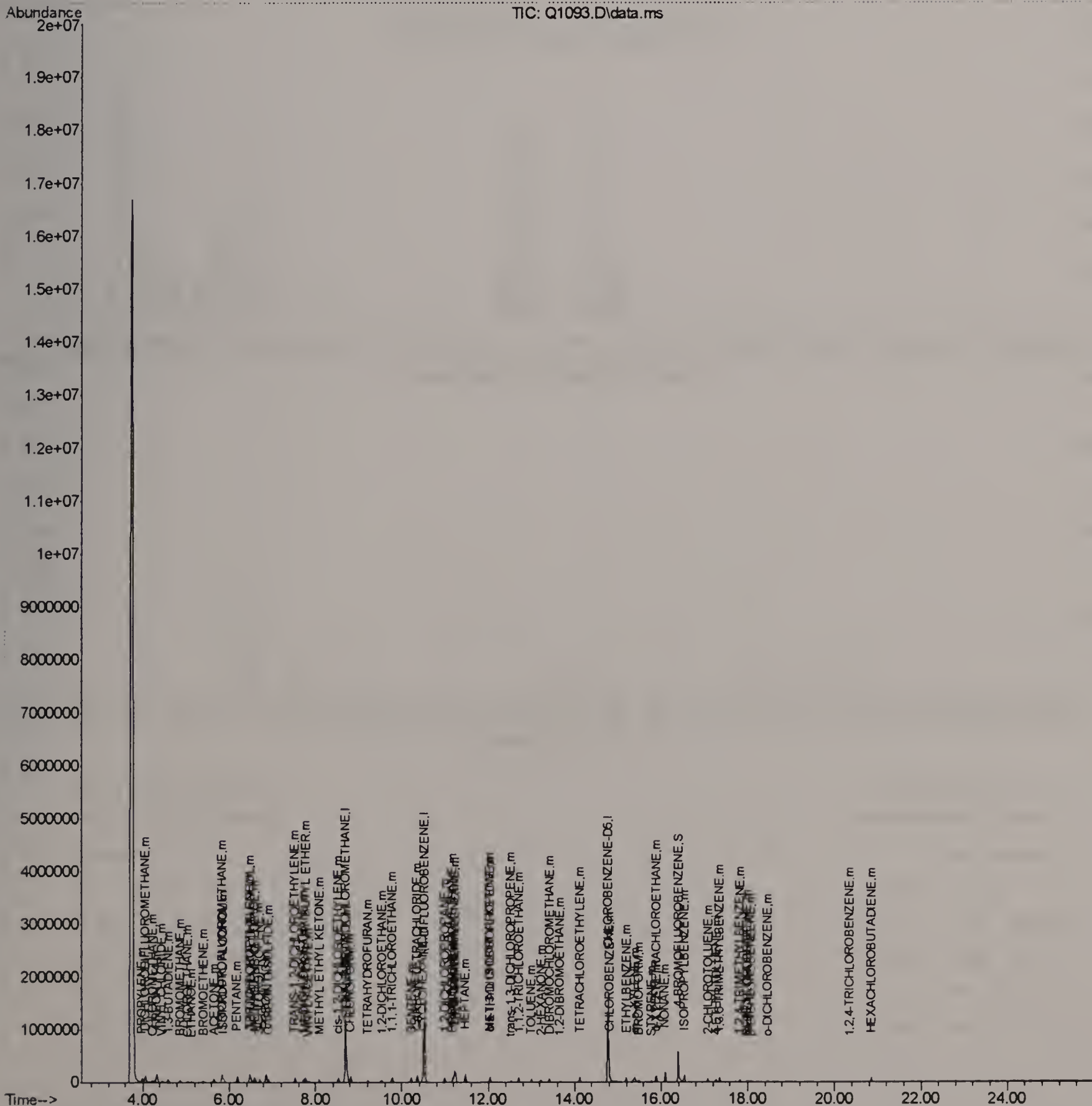
44) METHYL ISOBUTYL KETONE	12.043	43	72029	1.01	PPBV	86
45) cis-1,3-DICHLOROPROPENE	12.030	75	17936	0.54	PPBV #	66
46) TOLUENE	12.989	92	18844	0.46	PPBV	88
47) trans-1,3-DICHLOROPROPENE	12.517	75	11708	0.47	PPBV #	68
48) 1,1,2-TRICHLOROETHANE	12.701	83	16223	0.75	PPBV	99
50) 2-HEXANONE	13.210	43	41566	0.80	PPBV	77
51) TETRACHLOROETHYLENE	14.121	164	12421	0.60	PPBV #	81
52) DIBROMOCHLOROMETHANE	13.416	129	22132	0.77	PPBV	99
53) 1,2-DIBROMOETHANE	13.661	107	17238	0.64	PPBV #	98
54) CHLOROBENZENE	14.813	112	27270	0.71	PPBV #	79
55) ETHYLBENZENE	15.195	91	38672	0.55	PPBV	97
56) m,p-XYLENE	15.385	106	28144	1.08	PPBV #	77
57) o-XYLENE	15.885	106	14373	0.60	PPBV	92
58) STYRENE	15.766	104	9618	0.32	PPBV	91
59) NONANE	16.084	43	68556	0.95	PPBV	88
60) BROMOFORM	15.480	173	12101	0.68	PPBV #	93
62) 1,1,2,2-TETRACHLOROETHANE	15.876	83	30669	0.78	PPBV	91
63) ISOPROPYLBENZENE	16.529	105	48997	0.68	PPBV	91
64) 2-CHLOROTOLUENE	17.079	91	25614	0.51	PPBV	90
65) 4-ETHYLTOLUENE	17.271	105	23526	0.42	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	31869	0.59	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.816	105	20844	0.45	PPBV	95
68) m-DICHLOROBENZENE	17.992	146	10484	0.52	PPBV	84
69) BENZYL CHLORIDE	17.978	91	6764m	0.29	PPBV	
70) p-DICHLOROBENZENE	18.068	146	8629m	0.42	PPBV	
71) o-DICHLOROBENZENE	18.455	146	9095	0.45	PPBV	95
72) HEXACHLOROBUTADIENE	20.846	225	6596	0.79	PPBV	90
73) 1,2,4-TRICHLOROBENZENE	20.352	180	873m	0.30	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(OT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1093.D  
Acq On    : 18 Jul 2006      6:20 pm  
Operator   : DougY  
Sample     : IC57-1 (M016)  
Misc      : MS11802,  MSQ57,,,,,1  
ALS Vial   : 3      Sample Multiplier: 1
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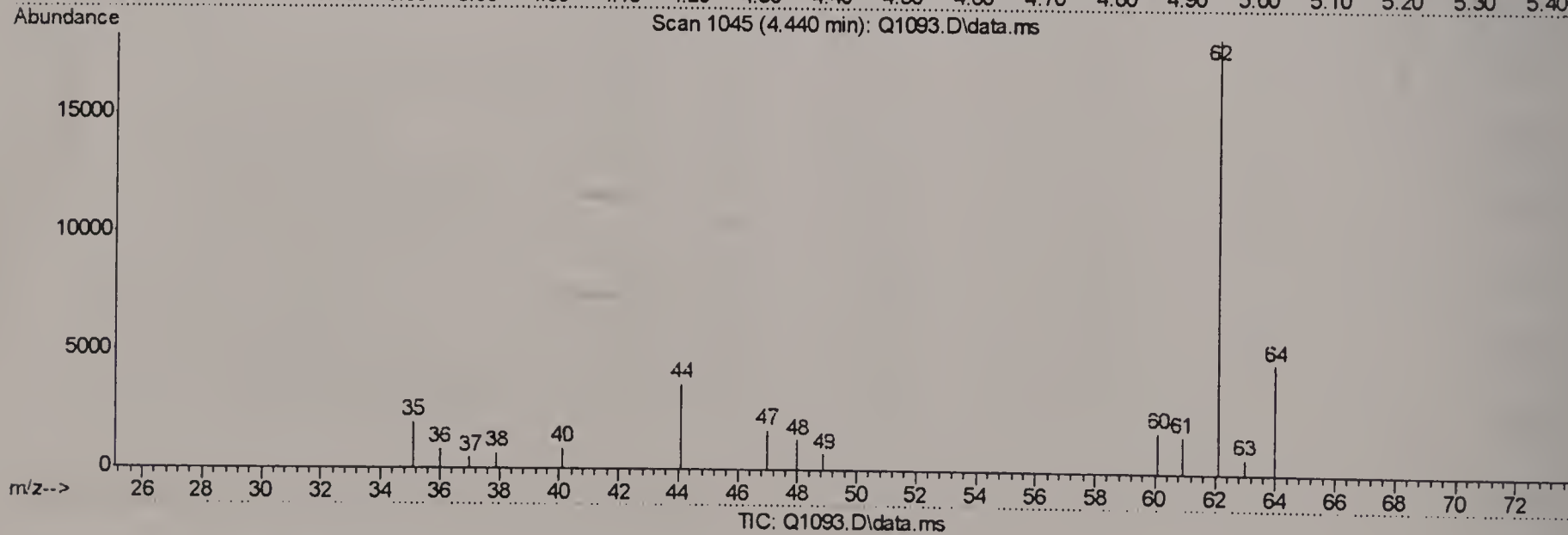
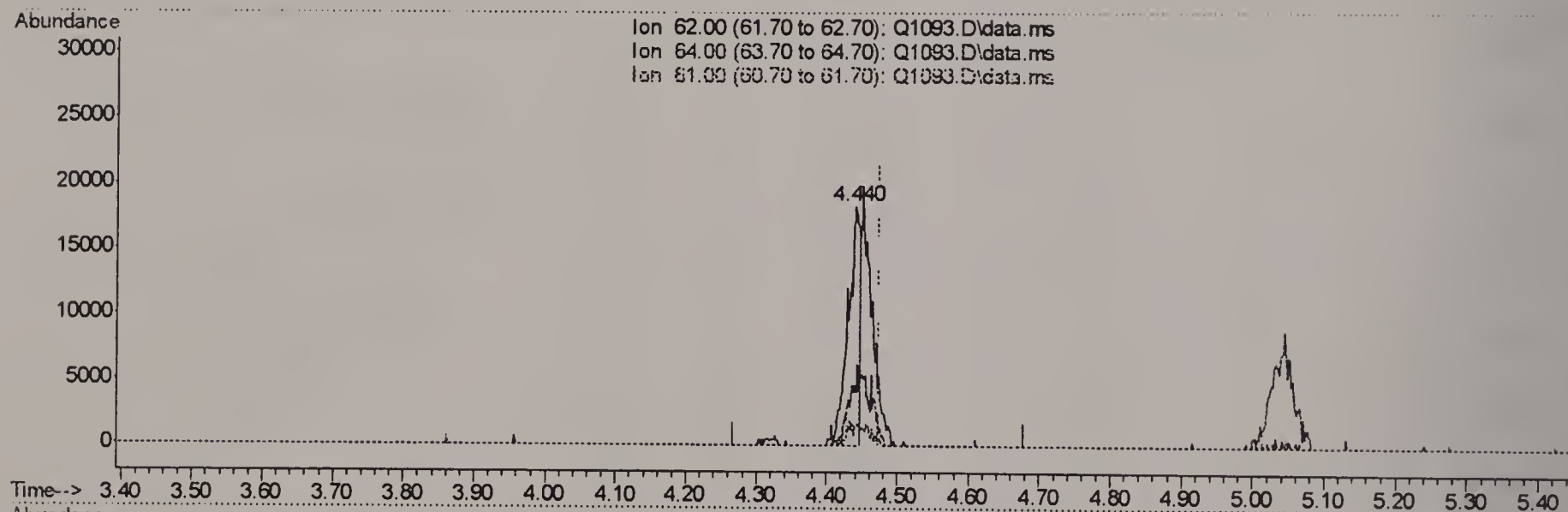
Quant Time: Jul 19 08:06:12 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(6) VINYL CHLORIDE (m)

4.440min (-0.034) 0.40PPBV

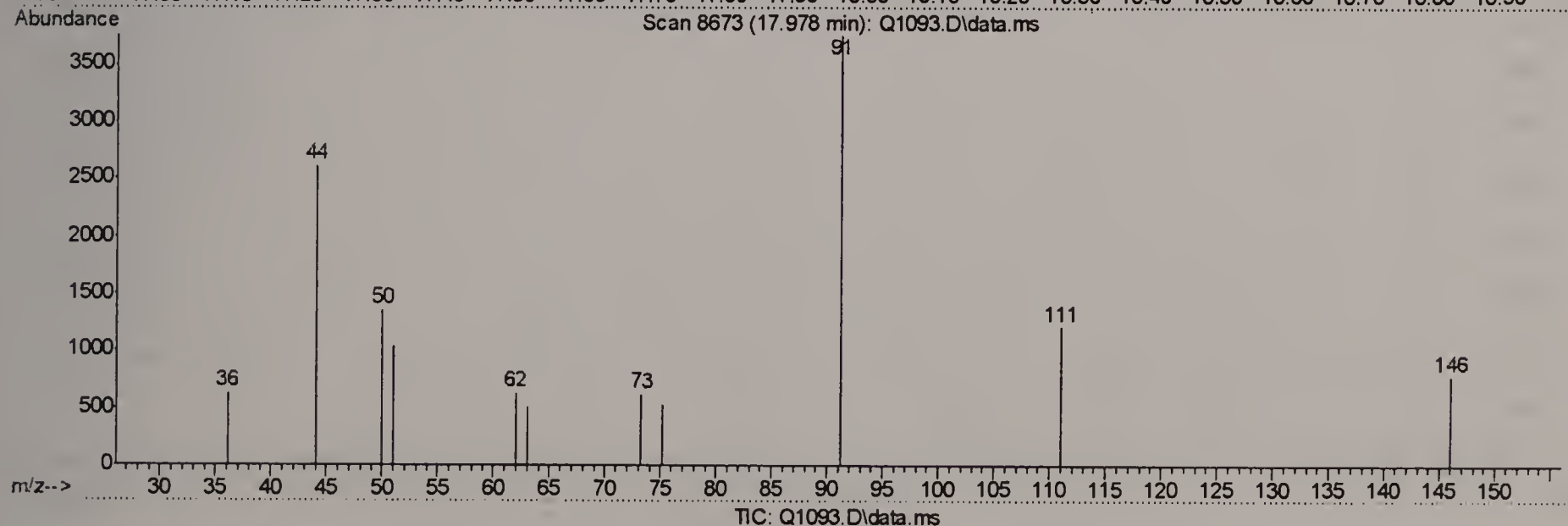
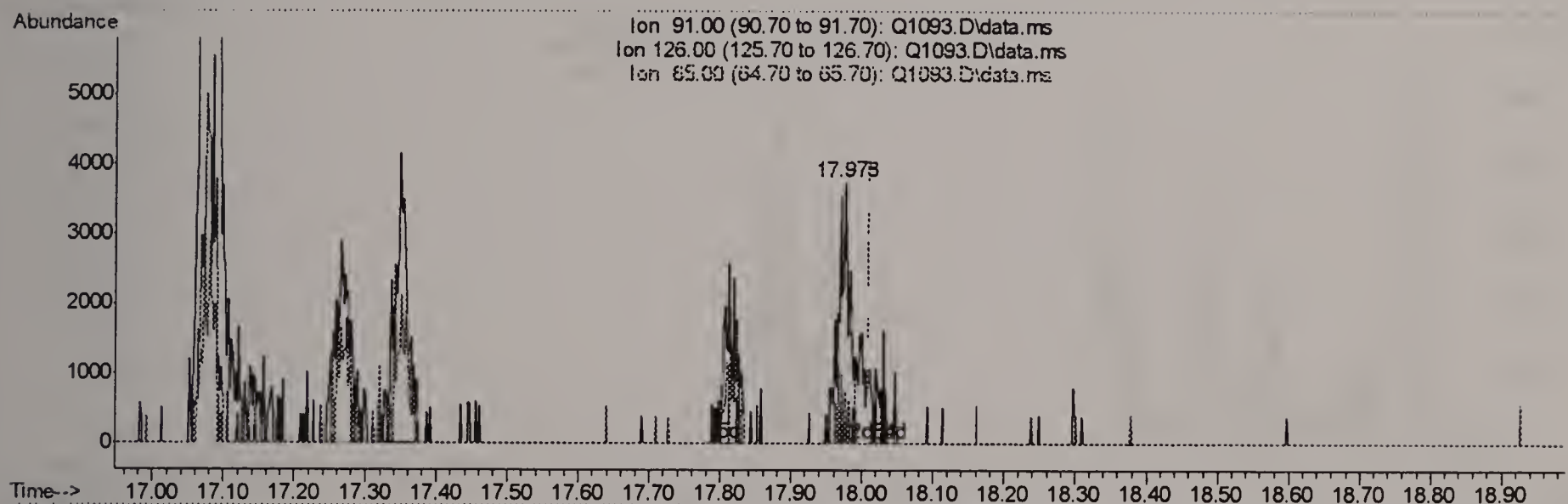
response 22084

Ion	Exp%	Act%
62.00	100	100
64.00	30.90	56.11#
61.00	8.70	13.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.978min (-0.031) 0.19PPBV

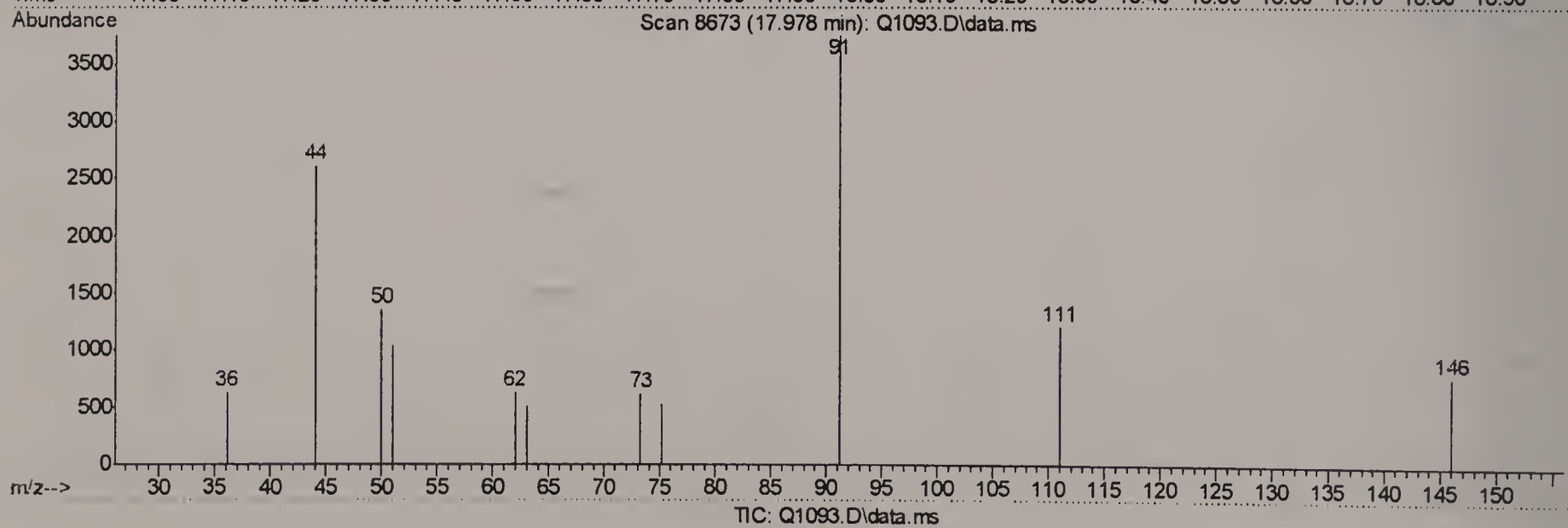
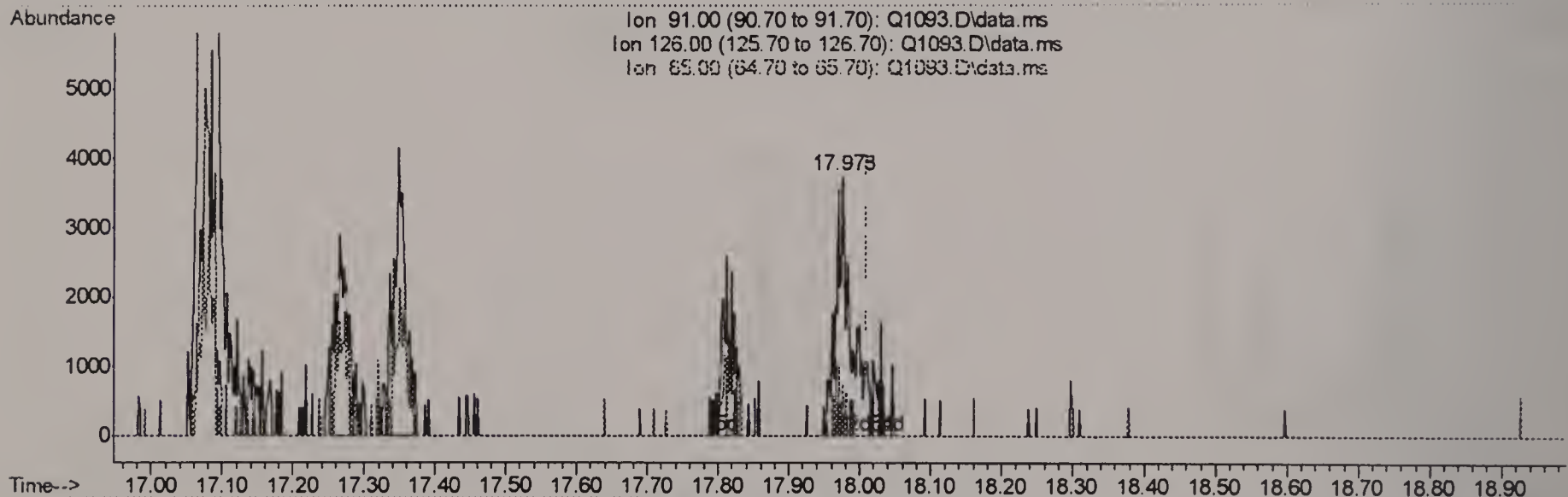
response 4315

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	4.38
65.00	14.40	3.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.978min (-0.031) 0.29PPBV m

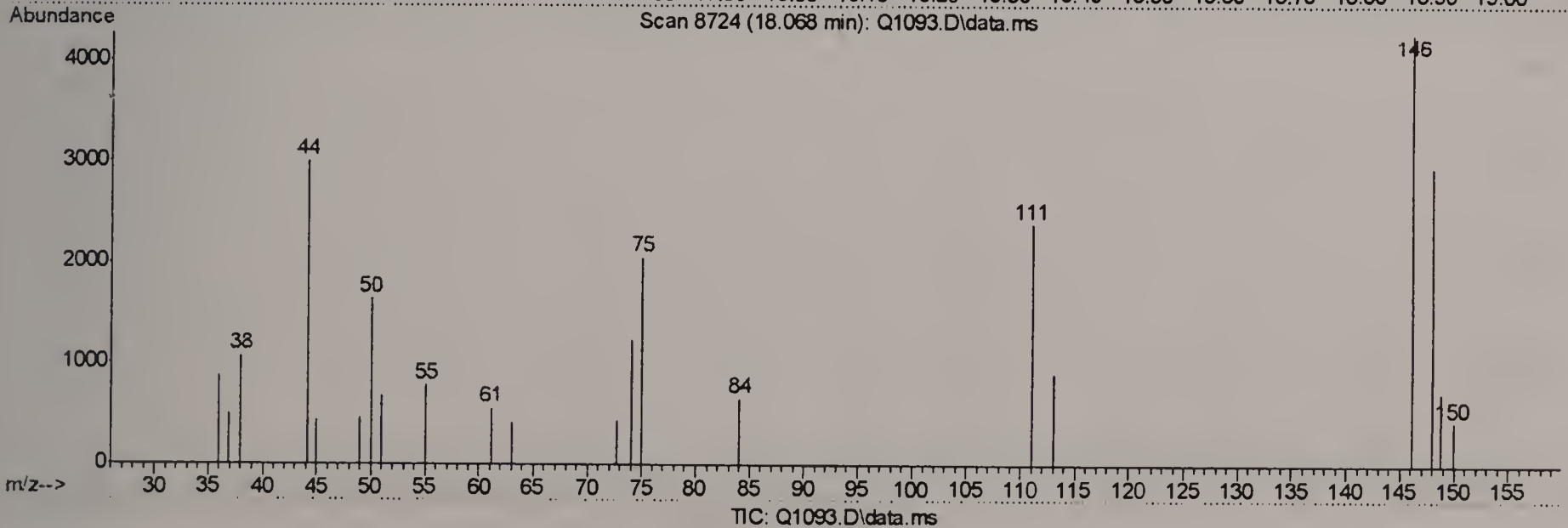
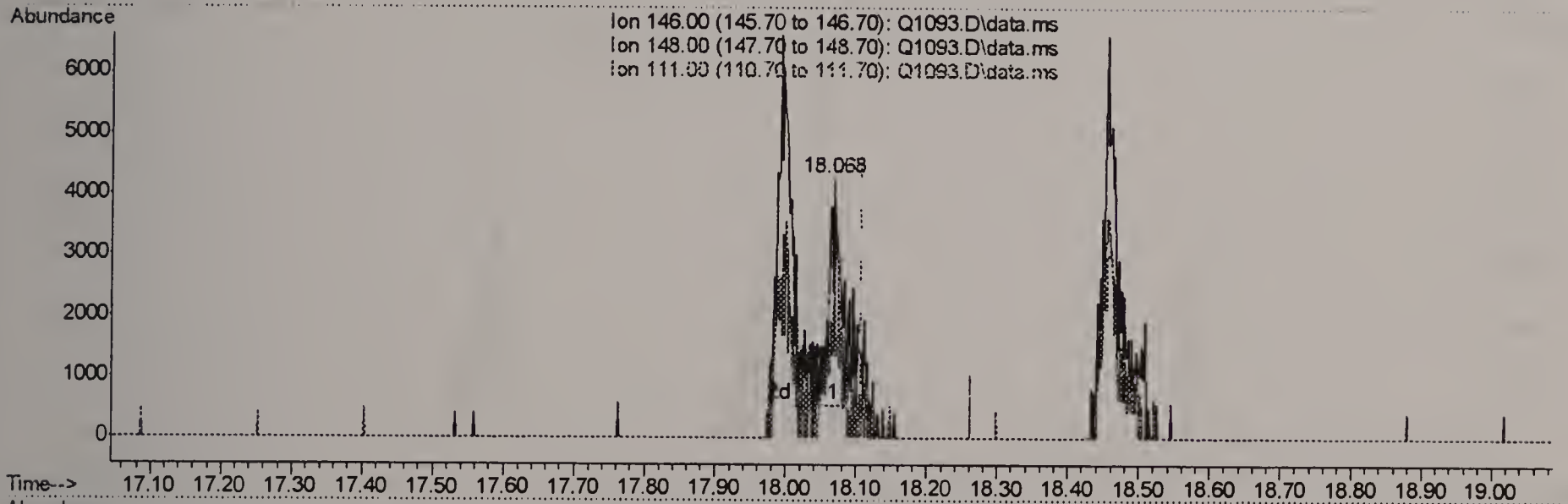
response 6764

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	2.79
65.00	14.40	2.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.22PPBV

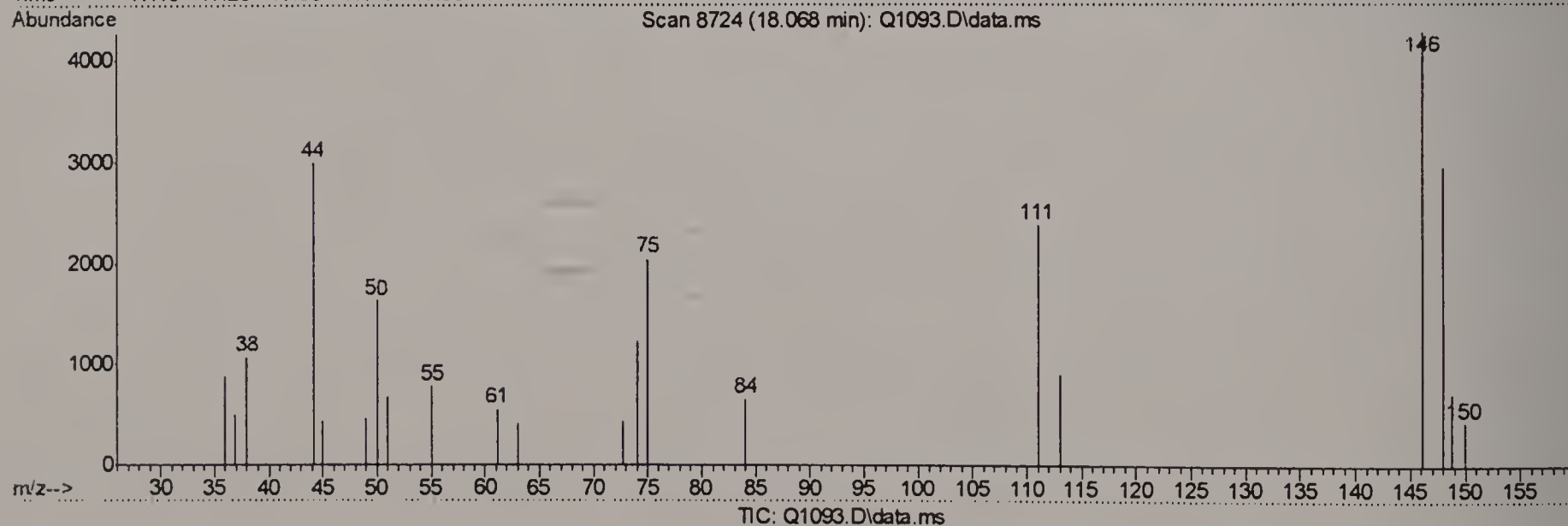
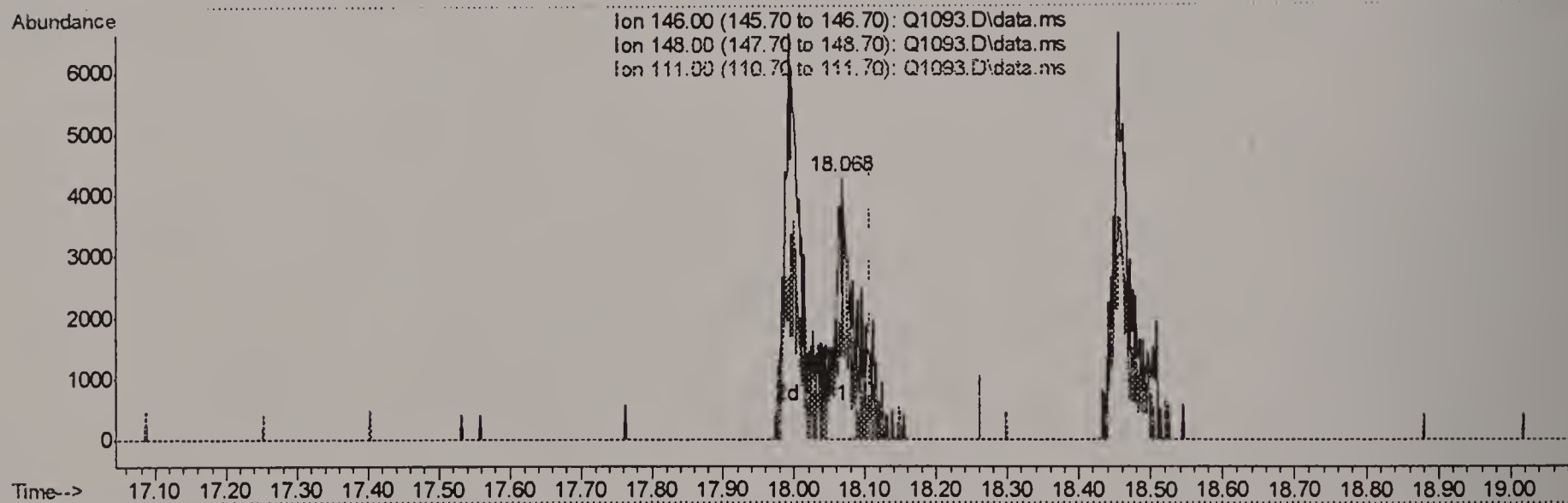
response 4390

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	57.43
111.00	42.40	77.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.42PPBV m

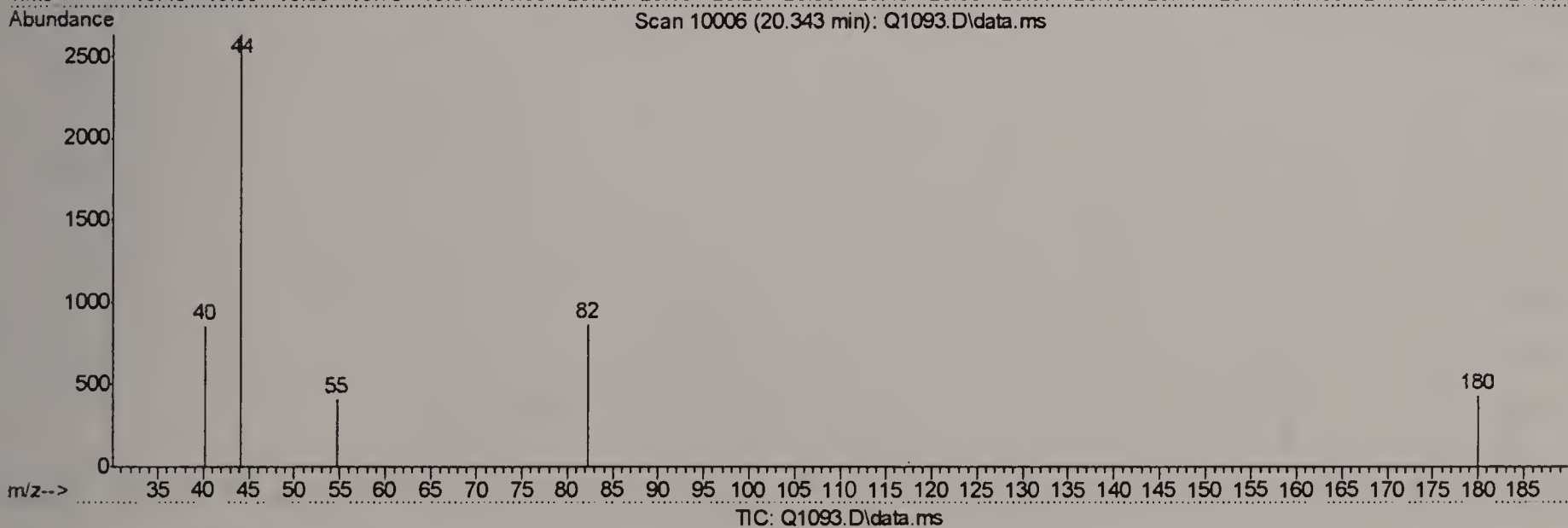
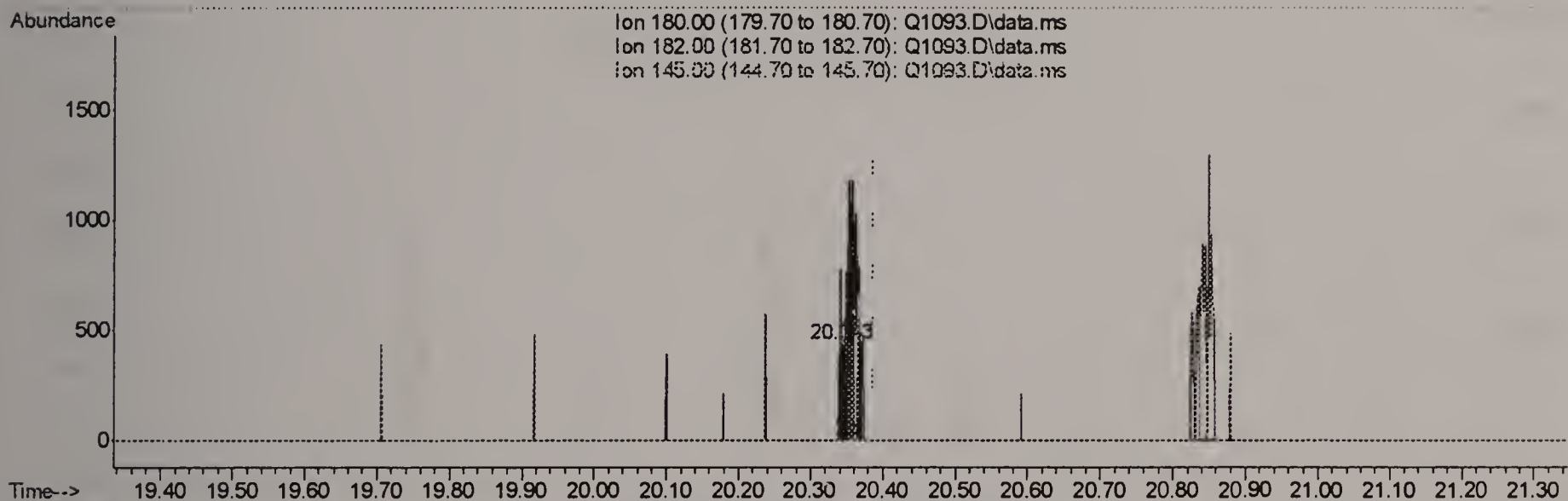
response 8629

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	29.22#
111.00	42.40	39.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(73) 1,2,4-TRICHLOROBENZENE (m)

20.343min (-0.044) 0.02PPBV

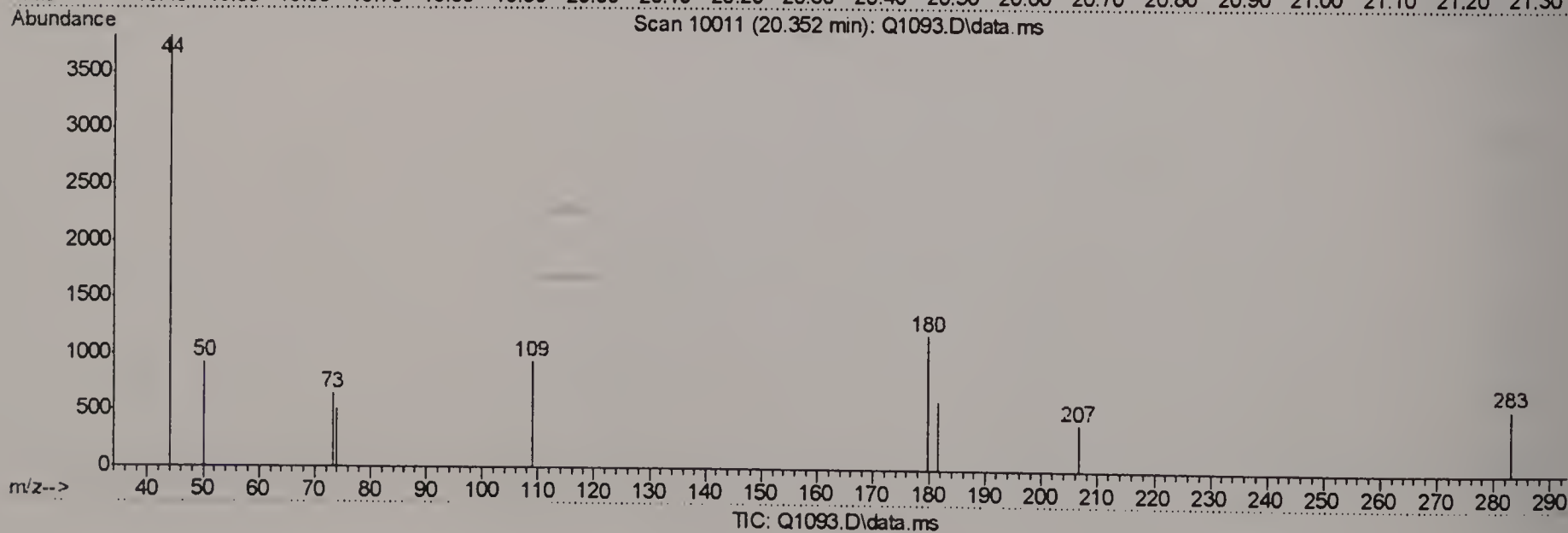
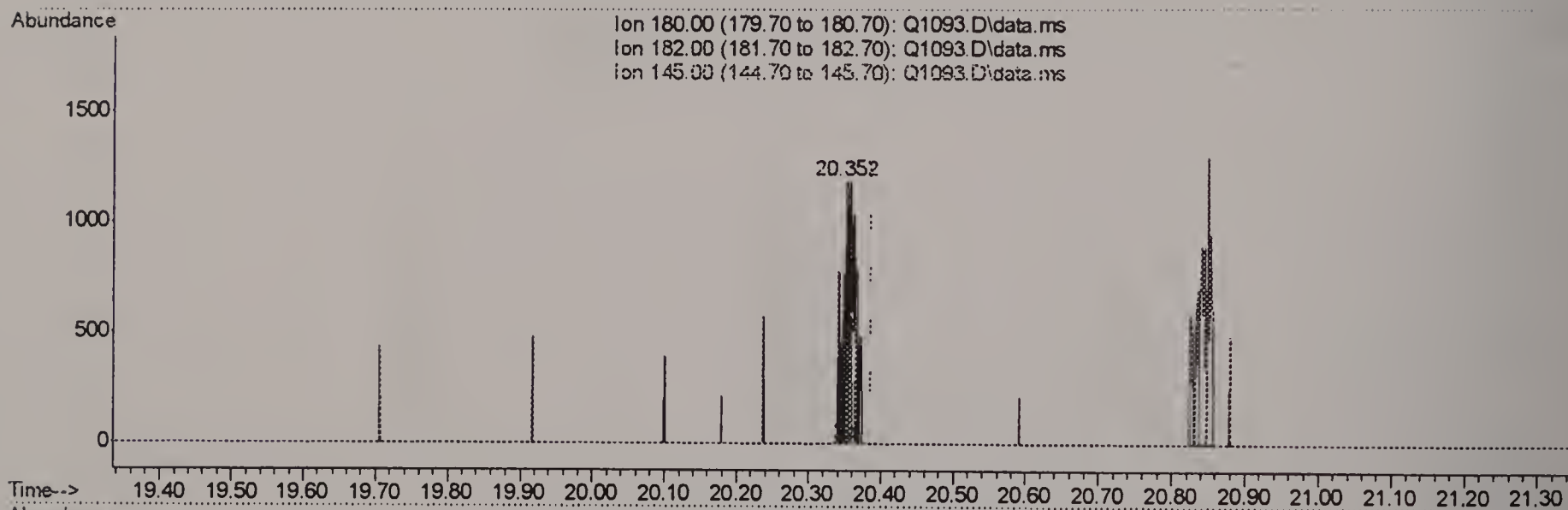
response 47

Ion	Exp%	Act%
180.00	100	100
182.00	97.20	176.60#
145.00	30.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(73) 1,2,4-TRICHLOROBENZENE (m)

20.352min (-0.035) 0.30PPBV m

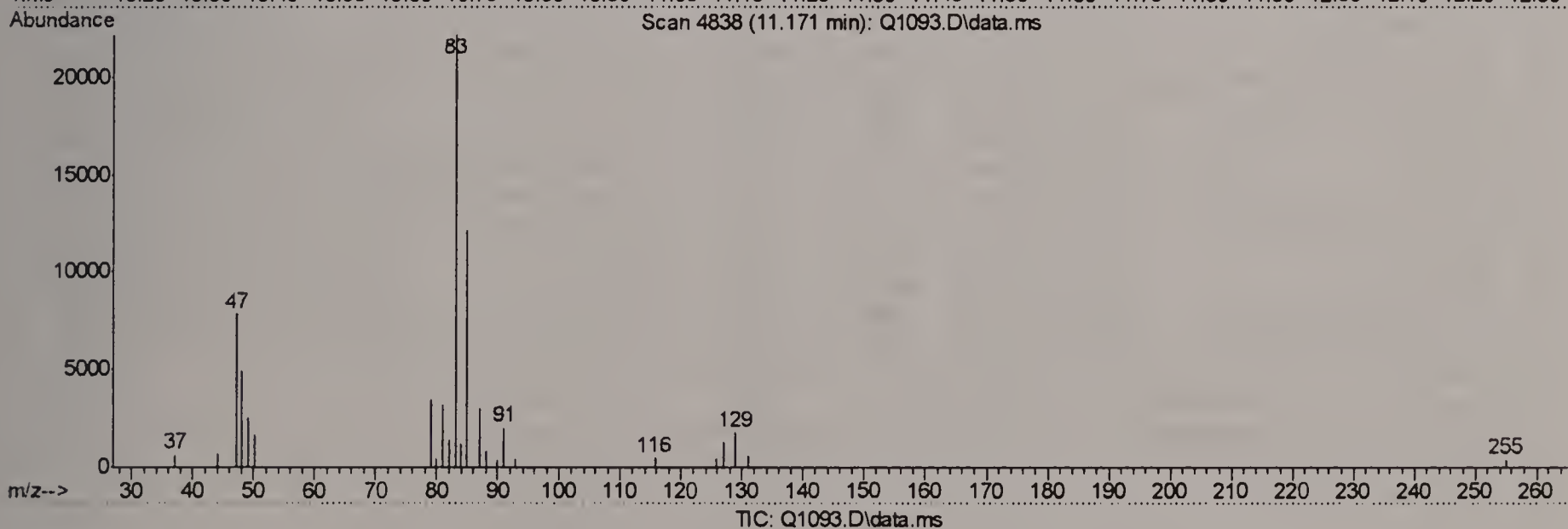
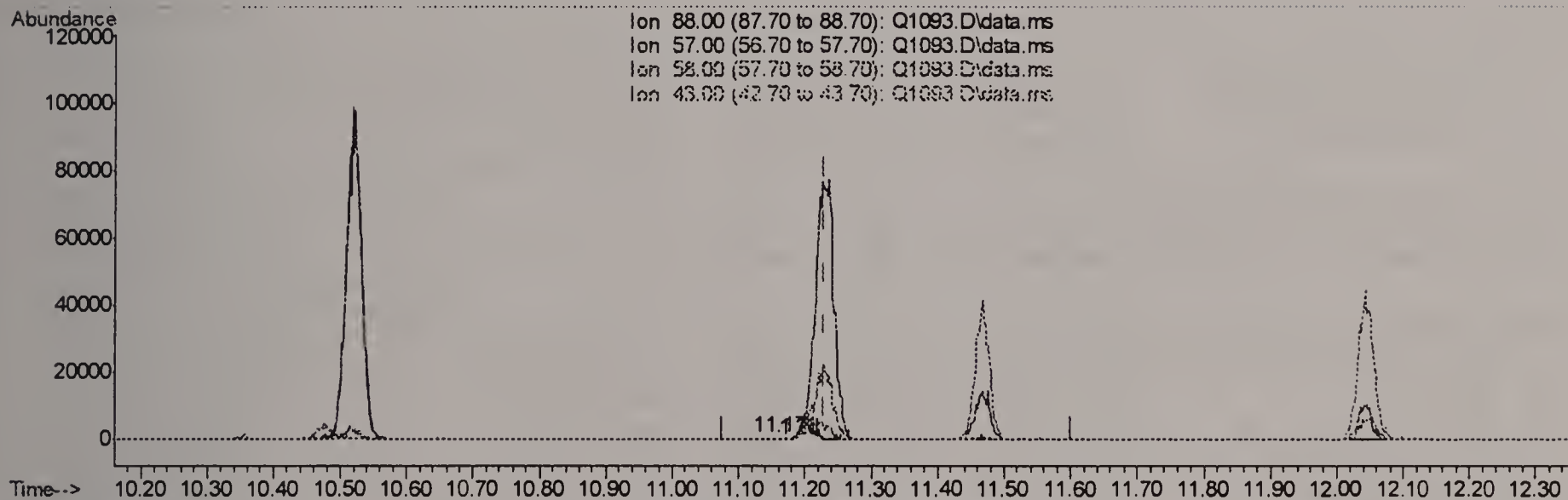
response 873

Ion	Exp%	Act%
180.00	100	100
182.00	97.20	9.51#
145.00	30.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1093.D
 Acq On : 18 Jul 2006 6:20 pm
 Operator : DougY
 Sample : IC57-1 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:50:16 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



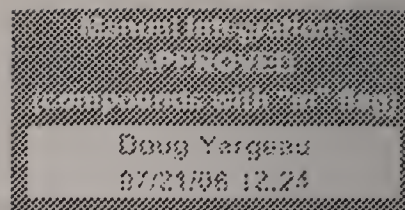
(42) 1,4-DIOXANE (m)

11.171min (-0.059) 0.02PPBV

response 250

Ion	Exp%	Act%
88.00	100	100
57.00	34.20	0.00#
58.00	83.20	0.00#
43.00	45.30	0.00#

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:55:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	184895	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.520	114	682848	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.767	117	492696	10.00	PPBV	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.387	95	153309	4.46	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	89.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.061	85	53428	0.39	PPBV	# 69
3) PROPYLENE	3.996	41	16886	0.38	PPBV	# 72
4) FREON 114	4.317	85	44369	0.33	PPBV	88
5) CHLOROMETHANE	4.225	50	23352	0.41	PPBV	92
6) VINYL CHLORIDE	4.452	62	15463	0.30	PPBV	74
7) 1,3-BUTADIENE	4.585	39	16726	0.36	PPBV	# 78
8) BROMOMETHANE	4.867	94	9156	0.23	PPBV	# 12
9) CHLOROETHANE	5.050	64	4993m	0.23	PPBV	
10) TRICHLOROFLUOROMETHANE	5.840	101	49645	0.38	PPBV	97
11) ISOPROPYL ALCOHOL	5.889	45	30462m	0.39	PPBV	
12) ACETONE	5.648	43	43270	0.52	PPBV	79
13) PENTANE	6.191	42	21941	0.40	PPBV	88
14) 1,1-DICHLOROETHYLENE	6.484	96	8912	0.25	PPBV	# 54
15) CARBON DISULFIDE	6.915	76	30553	0.33	PPBV	# 52
16) ETHANOL	5.151	45	8151m	0.52	PPBV	
17) BROMOETHENE	5.408	106	7968	0.22	PPBV	96
18) METHYLENE CHLORIDE	6.590	84	13488	0.37	PPBV	# 1
19) 3-CHLOROPROPENE	6.709	39	14852	0.37	PPBV	# 77
20) FREON 113	6.857	151	13351m	0.23	PPBV	
21) TRANS-1,2-DICHLOROETHY...	7.529	96	7618	0.23	PPBV	# 40
22) TERTIARY BUTYL ALCOHOL	6.491	59	23750m	0.32	PPBV	
23) METHYL TERTIARY BUTYL ...	7.776	73	22097m	0.26	PPBV	
24) TETRAHYDROFURAN	9.221	42	9077	0.20	PPBV	73
25) HEXANE	8.731	57	22251	0.40	PPBV	# 76
26) VINYL ACETATE	7.847	43	15686	0.17	PPBV	93
27) 1,1-DICHLOROETHANE	7.719	63	22318	0.30	PPBV	77
28) METHYL ETHYL KETONE	8.097	43	29920	0.40	PPBV	80
29) cis-1,2-DICHLOROETHYLENE	8.541	96	7030m	0.23	PPBV	
30) ETHYL ACETATE	8.731	43	46582	0.49	PPBV	96
31) CHLOROFORM	8.811	83	25524	0.33	PPBV	92
32) 1,1,1-TRICHLOROETHANE	9.774	97	18560	0.26	PPBV	# 70
33) CARBON TETRACHLORIDE	10.357	117	20310	0.27	PPBV	95
34) 1,2-DICHLOROETHANE	9.531	62	13712	0.27	PPBV	98
36) BENZENE	10.207	78	14481m	0.21	PPBV	
37) CYCLOHEXANE	10.475	84	5235	0.16	PPBV	# 56
38) TRICHLOROETHYLENE	11.212	95	8305	0.27	PPBV	# 81
39) 1,2-DICHLOROPROPANE	10.985	63	8099	0.27	PPBV	92
40) BROMODICHLOROMETHANE	11.168	83	16362m	0.35	PPBV	
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	39683	0.24	PPBV	92
42) 1,4-DIOXANE	11.219	88	1883m	0.16	PPBV	
43) HEPTANE	11.471	43	14345	0.23	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1094.D
Acq On : 18 Jul 2006 7:11 pm
Operator : DougY
Sample : IC57-.5 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:55:50 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration

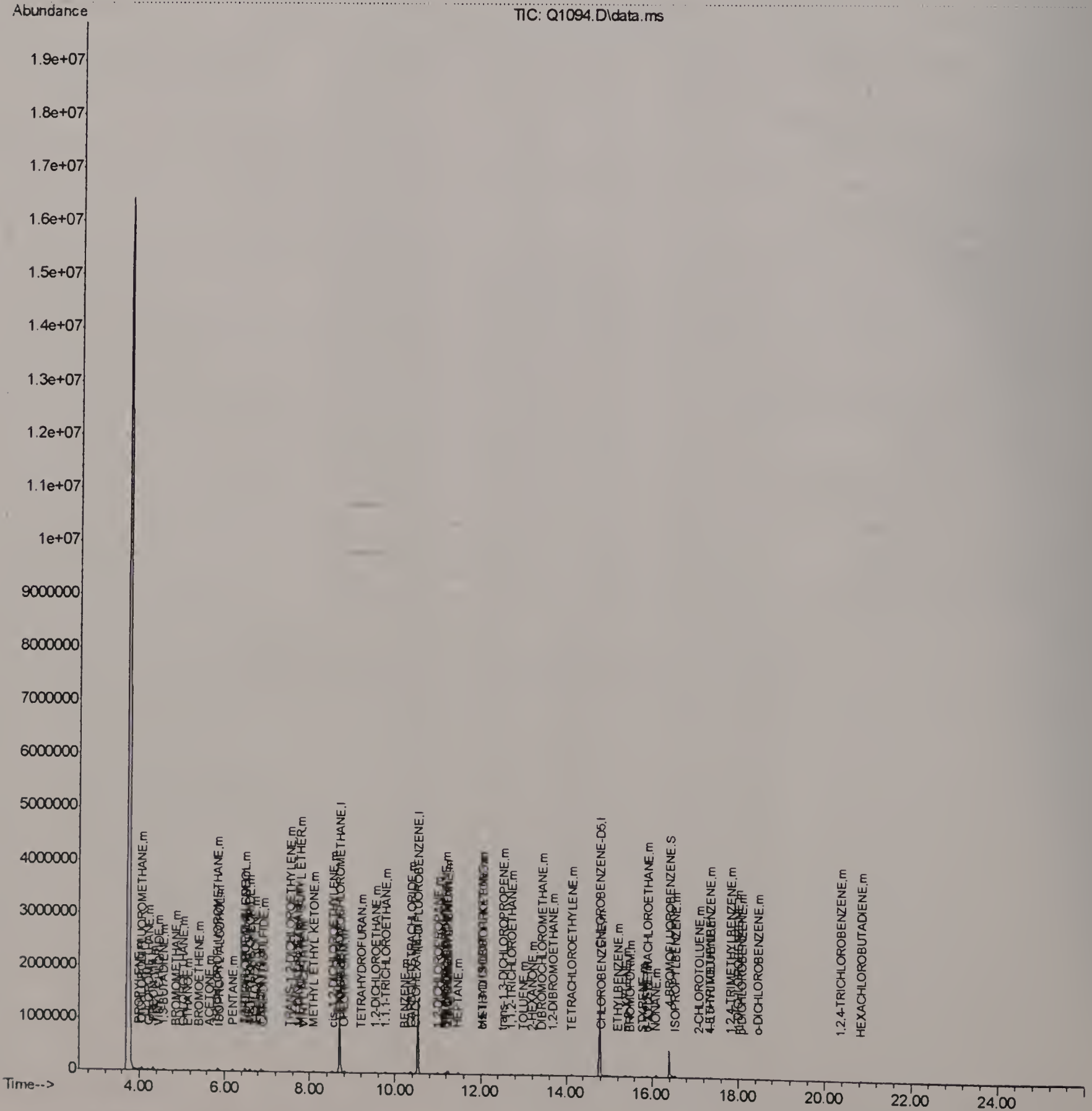
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.043	43	19463	0.29	PPBV	81
45) cis-1,3-DICHLOROPROPENE	12.025	75	5850	0.19	PPBV	92
46) TOLUENE	12.987	92	5777m	0.15	PPBV	
47) trans-1,3-DICHLOROPROPENE	12.531	75	3991	0.17	PPBV #	60
48) 1,1,2-TRICHLOROETHANE	12.712	83	5724	0.28	PPBV #	75
50) 2-HEXANONE	13.217	43	11442	0.24	PPBV #	78
51) TETRACHLOROETHYLENE	14.116	164	3976	0.21	PPBV #	81
52) DIBROMOCHLOROMETHANE	13.407	129	7860	0.30	PPBV	90
53) 1,2-DIBROMOETHANE	13.672	107	5338	0.22	PPBV #	95
54) CHLOROBENZENE	14.817	112	8658	0.24	PPBV #	74
55) ETHYLBENZENE	15.189	91	10222	0.16	PPBV	91
56) m,p-XYLENE	15.393	106	7182m	0.30	PPBV	
57) o-XYLENE	15.894	106	3304	0.15	PPBV	86
58) STYRENE	15.770	104	2749m	0.10	PPBV	
59) NONANE	16.084	43	14909	0.23	PPBV #	93
60) BROMOFORM	15.480	173	3593m	0.22	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	10916	0.30	PPBV	91
63) ISOPROPYLBENZENE	16.529	105	14580	0.22	PPBV	85
64) 2-CHLOROTOLUENE	17.074	91	7741m	0.17	PPBV	
65) 4-ETHYLTOLUENE	17.349	105	7238	0.14	PPBV	78
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	7238	0.15	PPBV	89
67) 1,2,4-TRIMETHYLBENZENE	17.812	105	5681m	0.13	PPBV	
68) m-DICHLOROBENZENE	17.999	146	3260m	0.18	PPBV	
70) p-DICHLOROBENZENE	18.068	146	2584m	0.14	PPBV	
71) o-DICHLOROBENZENE	18.458	146	3552m	0.19	PPBV	
72) HEXACHLOROBUTADIENE	20.845	225	2623	0.34	PPBV	77
73) 1,2,4-TRICHLOROBENZENE	20.364	180	321m	0.12	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1094.D  
Acq On    : 18 Jul 2006    7:11 pm  
Operator  : DougY  
Sample    : IC57-.5 (M016)  
Misc      : MS11802, MSQ57,,,,,1  
ALS Vial  : 3    Sample Multiplier: 1
```

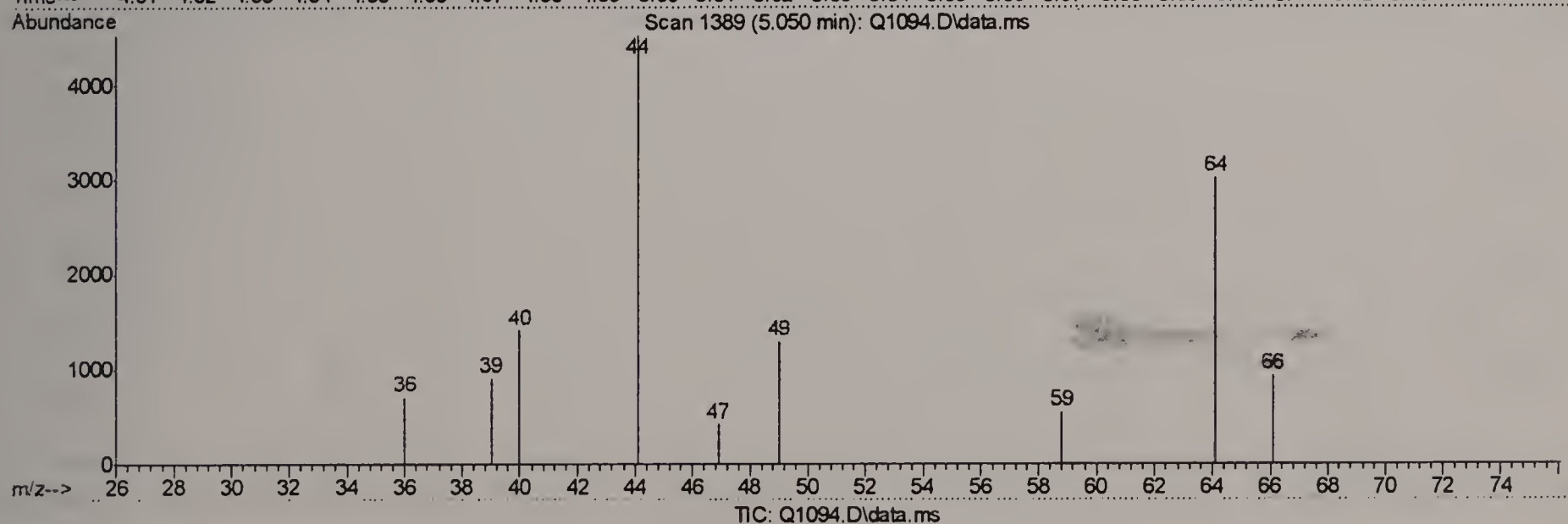
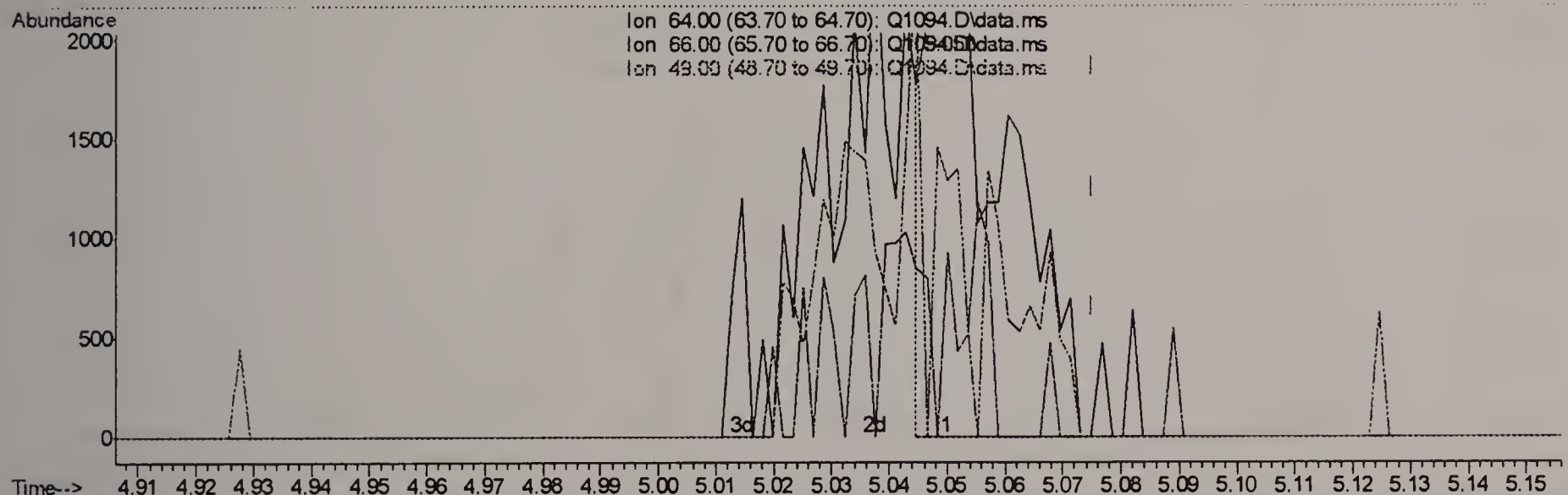
Quant Time: Jul 19 07:55:50 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.050min (-0.025) 0.12PPBV

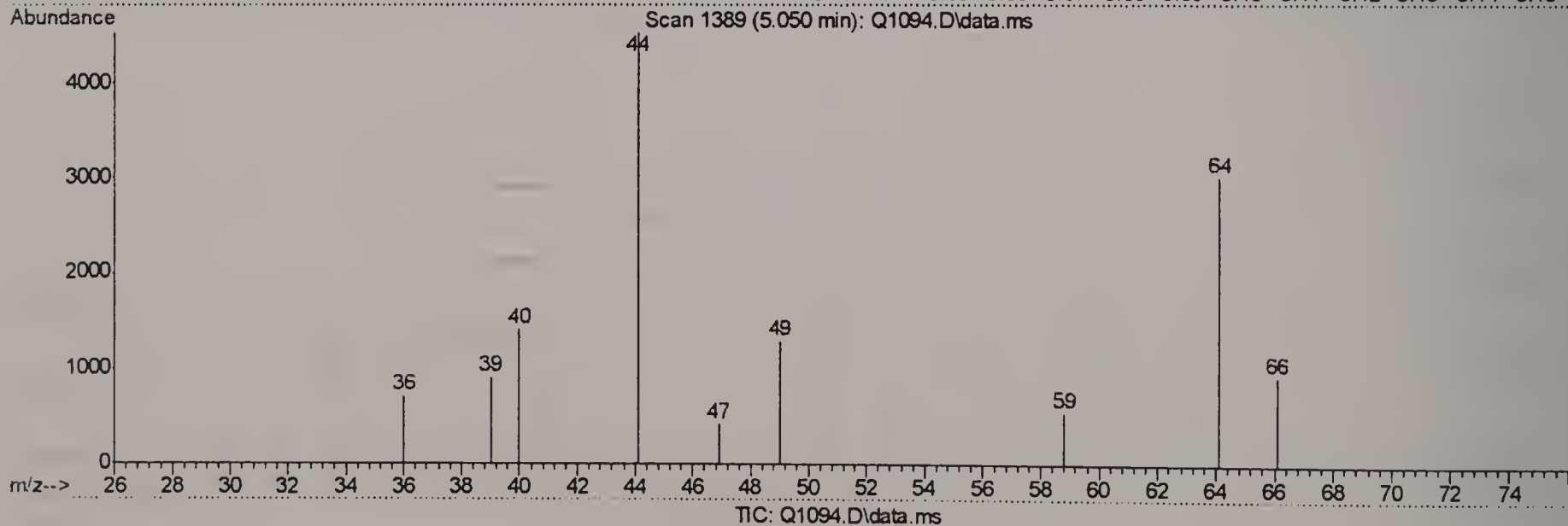
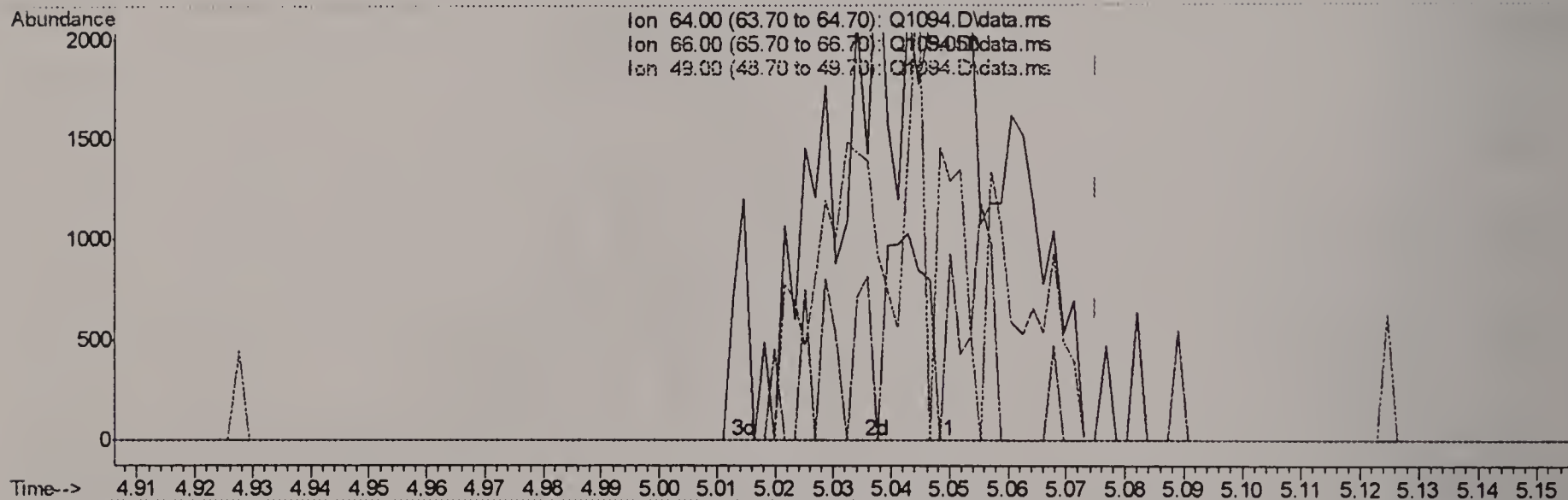
response 2510

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	17.21
49.00	38.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.050min (-0.025) 0.23PPBV m

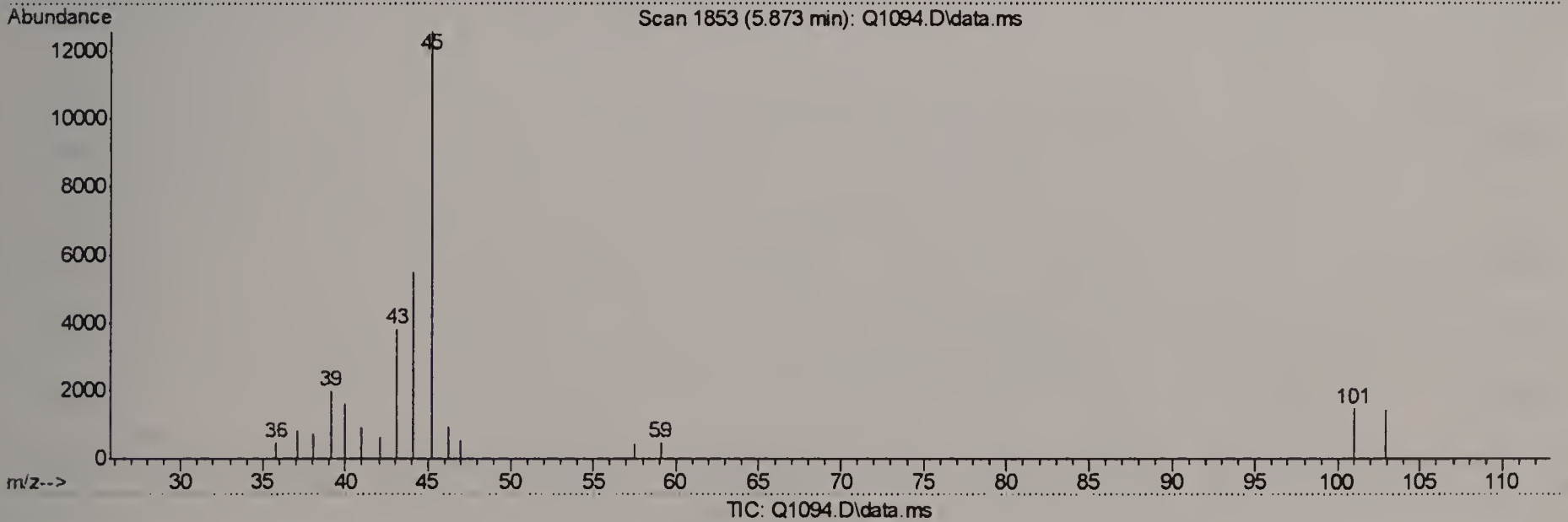
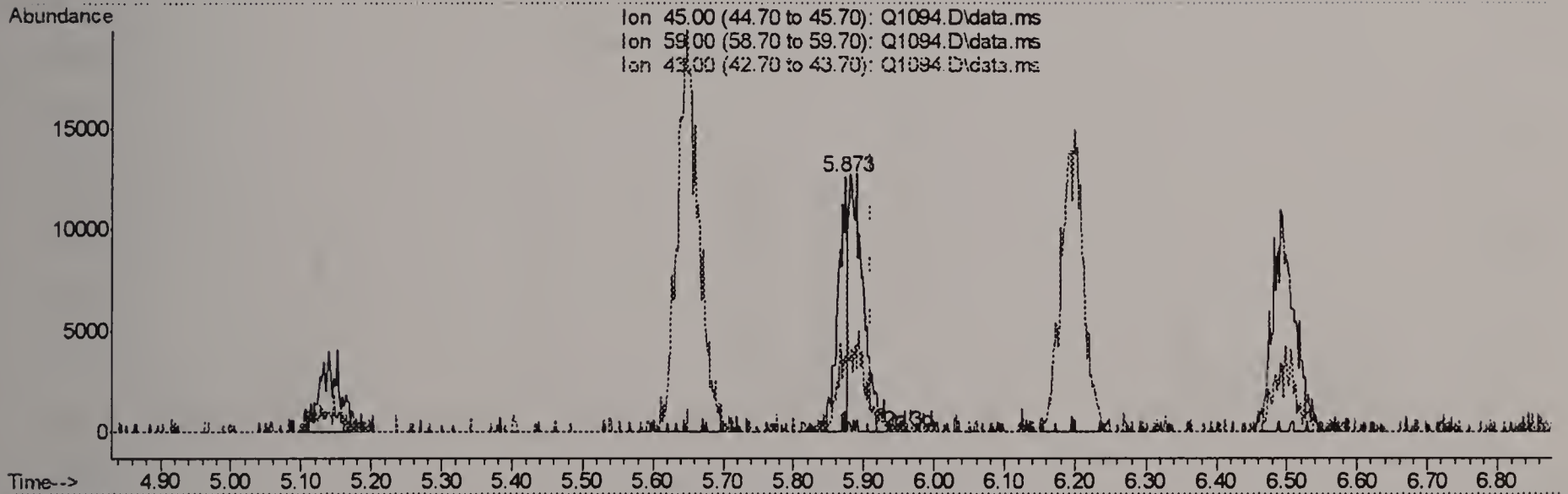
response 4993

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	8.65#
49.00	38.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.873min (-0.037) 0.15PPBV

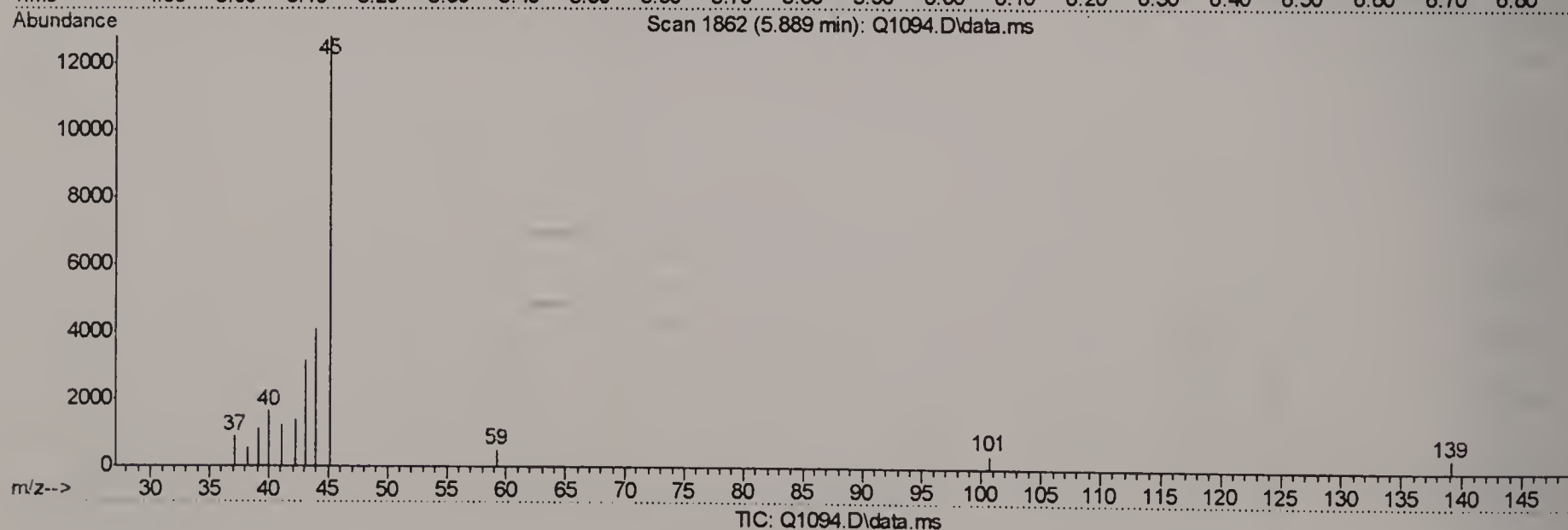
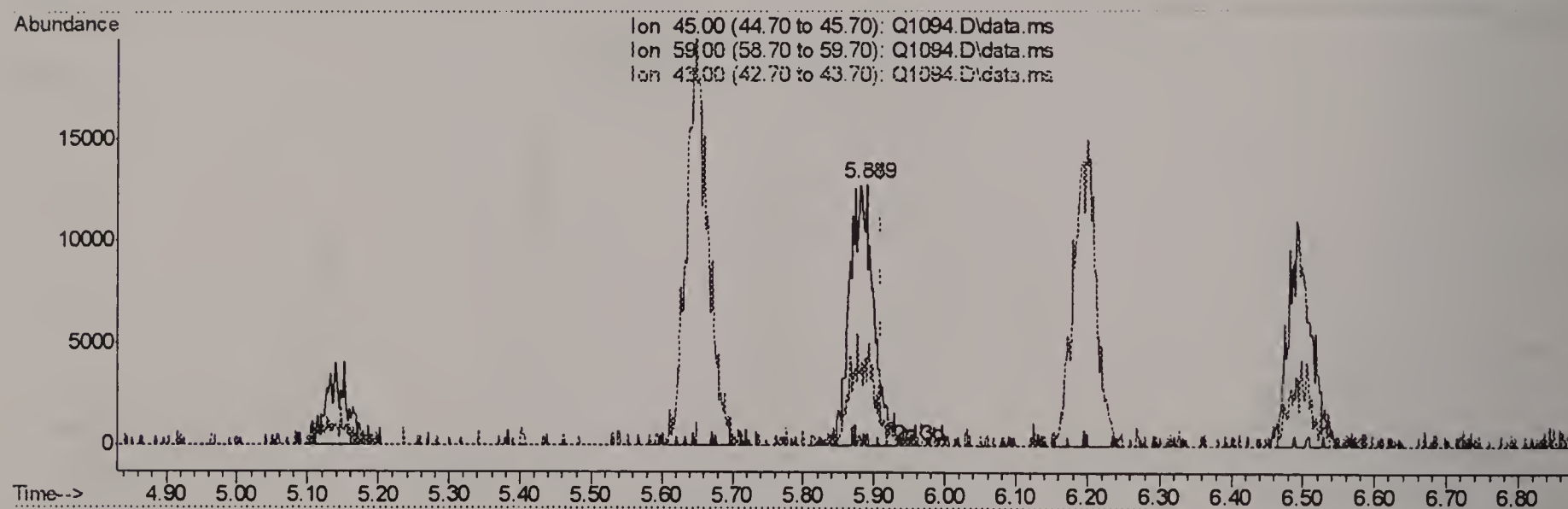
response 11809

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	3.68
43.00	21.60	30.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.889min (-0.021) 0.39PPBV m

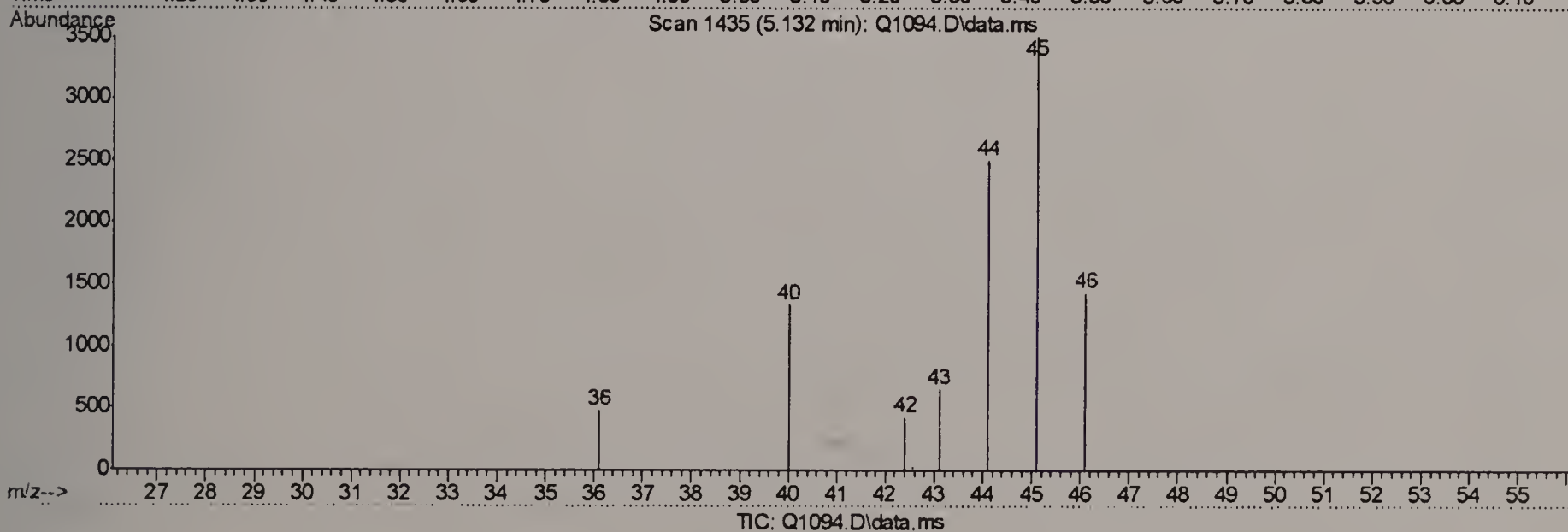
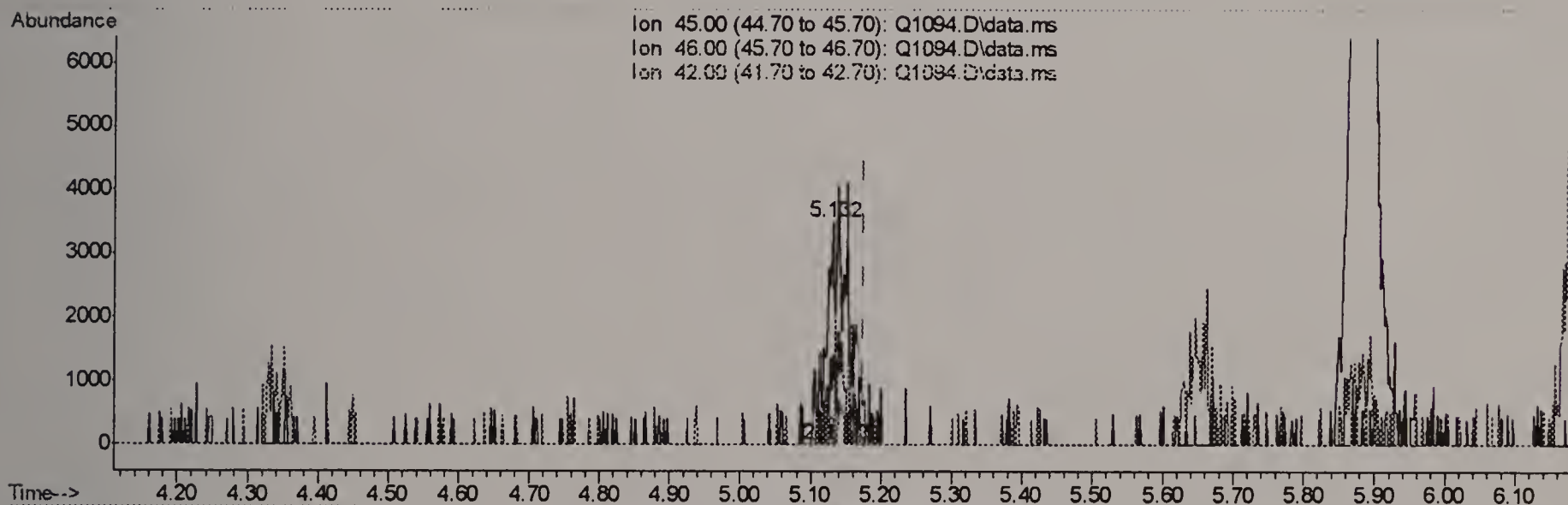
response 30462

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	3.85
43.00	21.60	24.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.132min (-0.044) 0.18PPBV

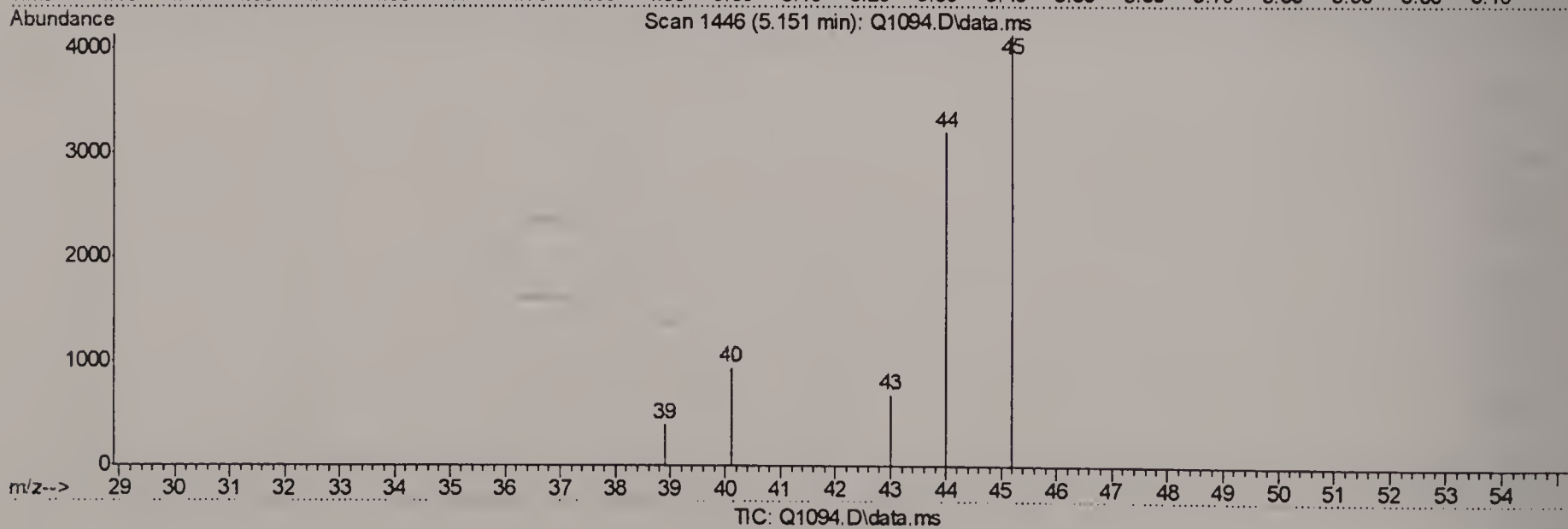
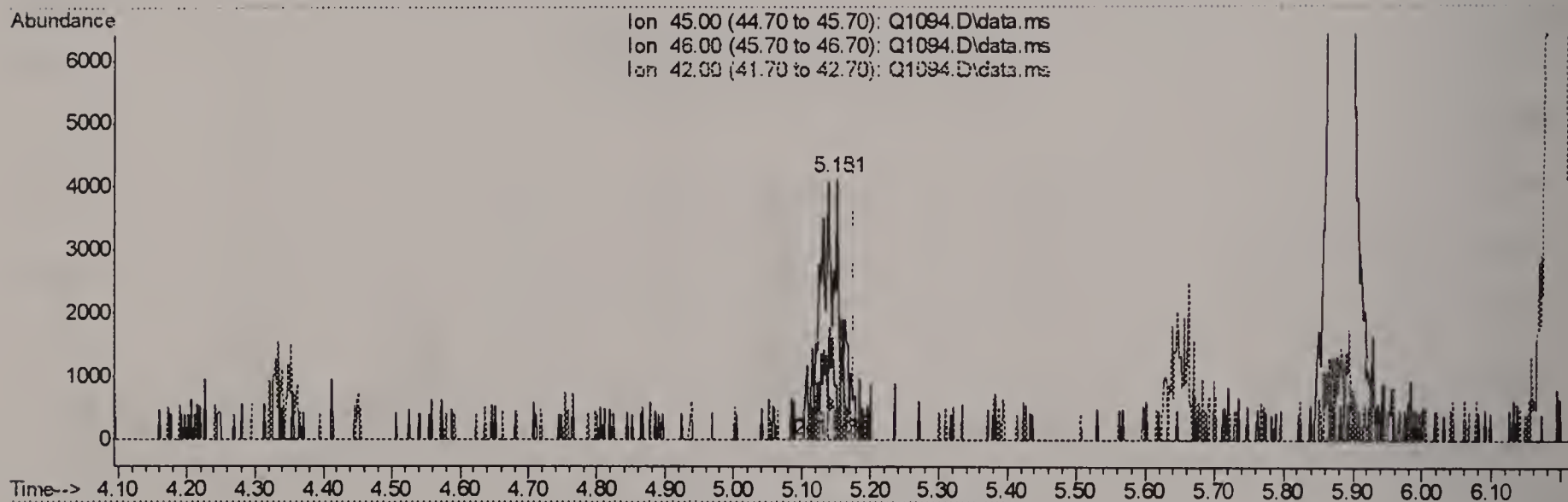
response 2809

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	12.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.151min (-0.025) 0.52PPBV m

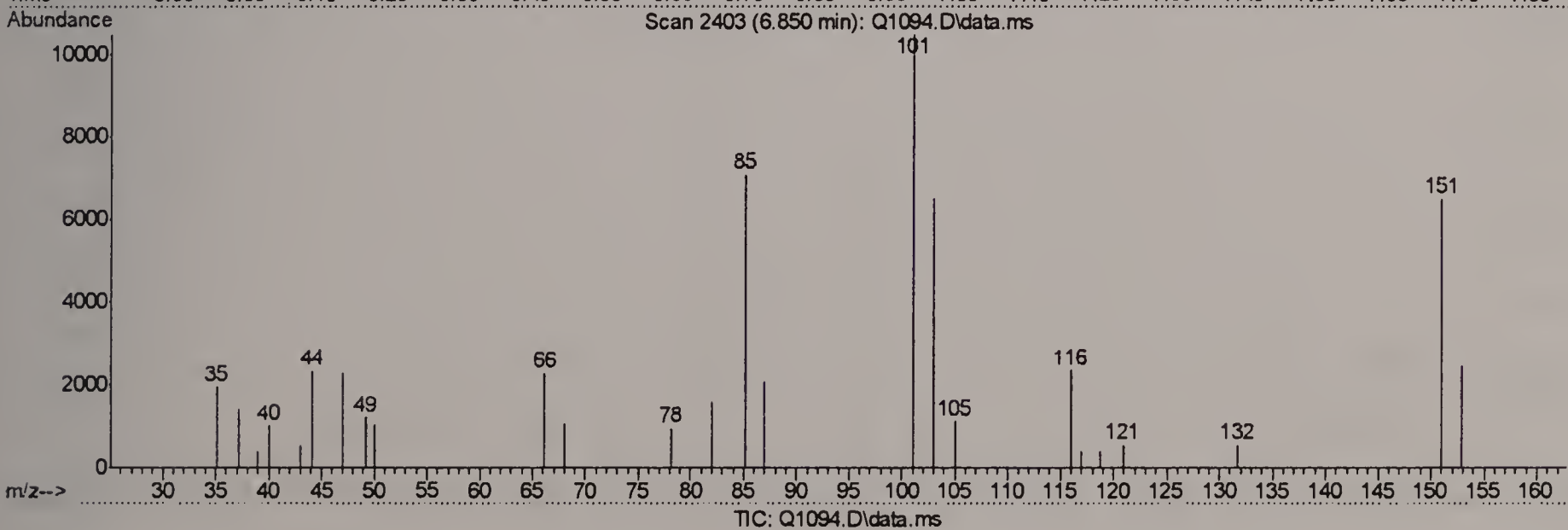
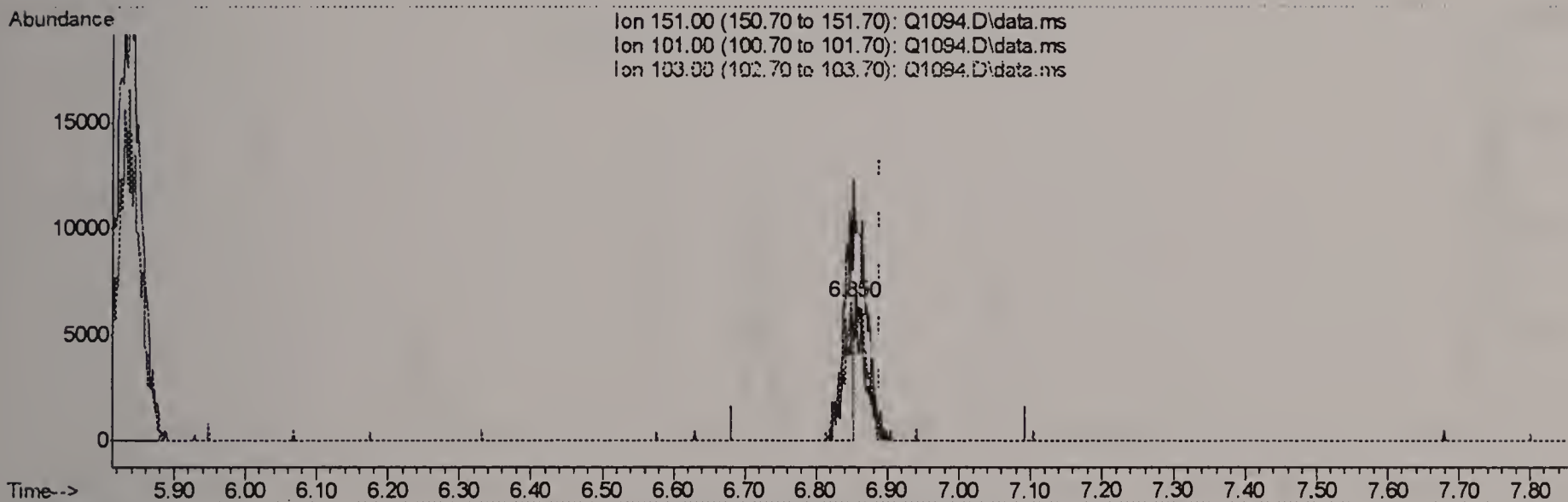
response 8151

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	4.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(20) FREON 113 (m)

6.850min (-0.039) 0.11PPBV

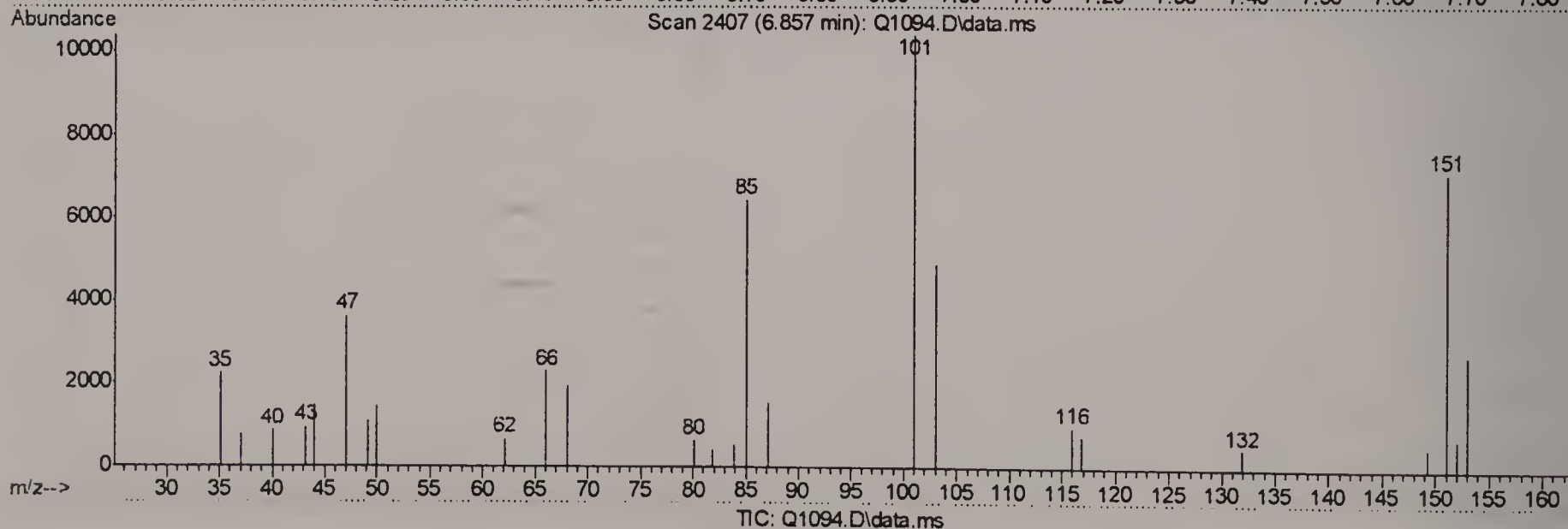
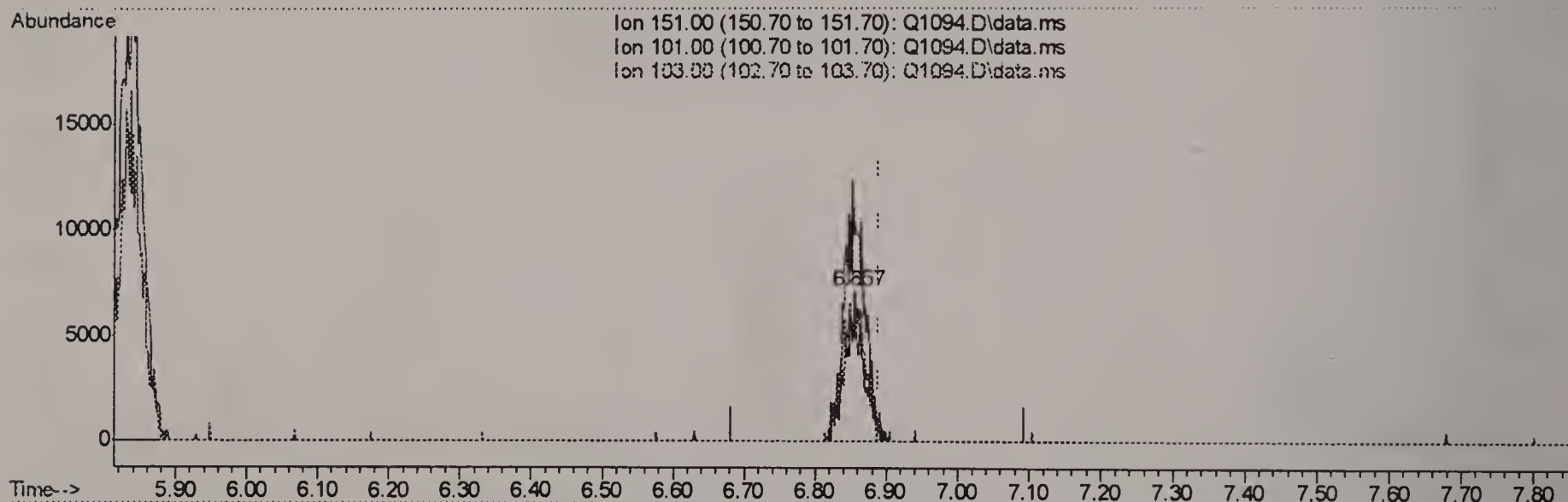
response 6279

Ion	Exp%	Act%
151.00	100	100
101.00	139.00	389.70#
103.00	88.00	130.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(20) FREON 113 (m)

6.857min (-0.032) 0.23PPBV m

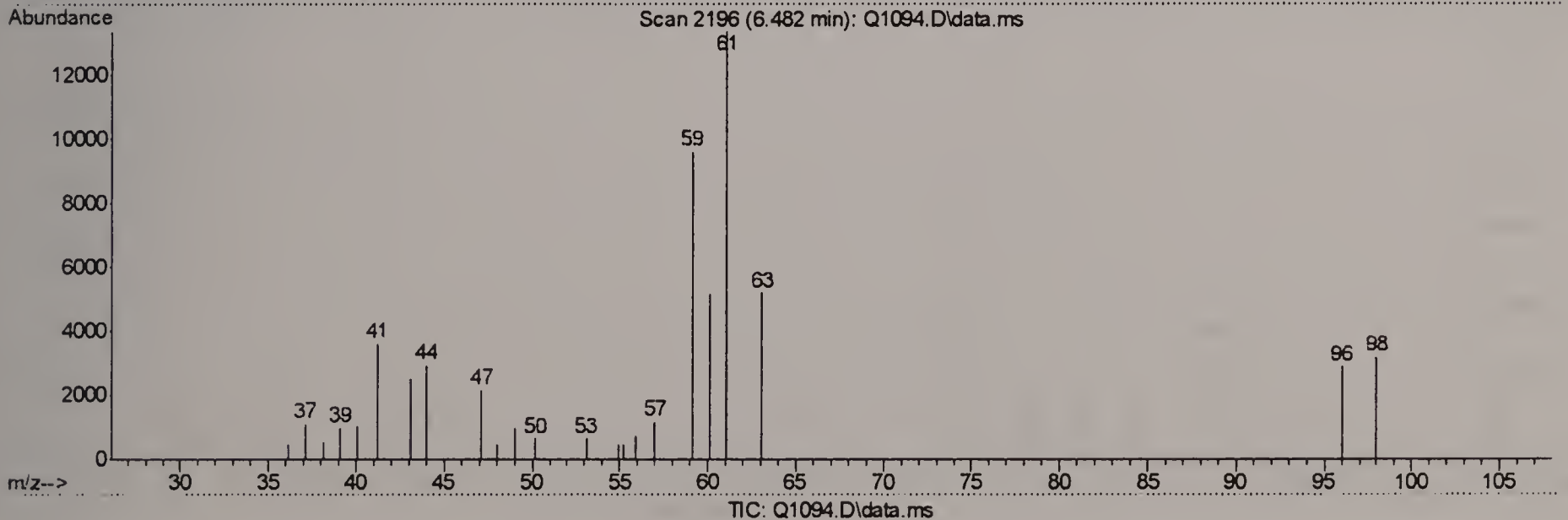
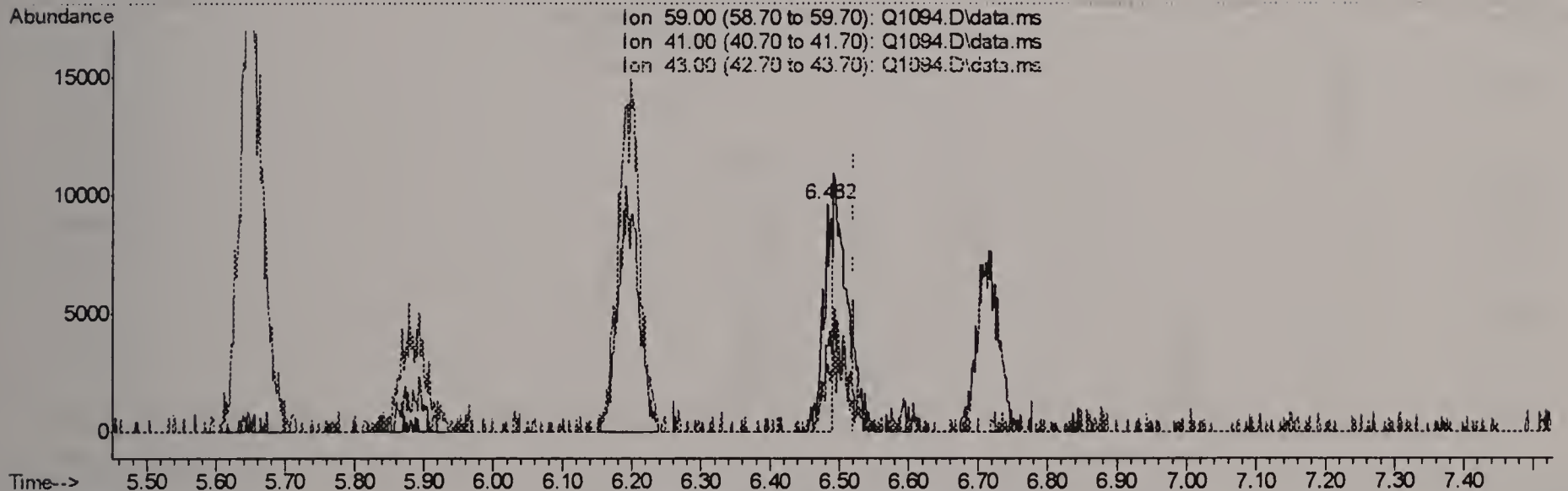
response 13351

Ion	Exp%	Act%
151.00	100	100
101.00	139.00	183.27#
103.00	88.00	61.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.482min (-0.039) 0.12PPBV

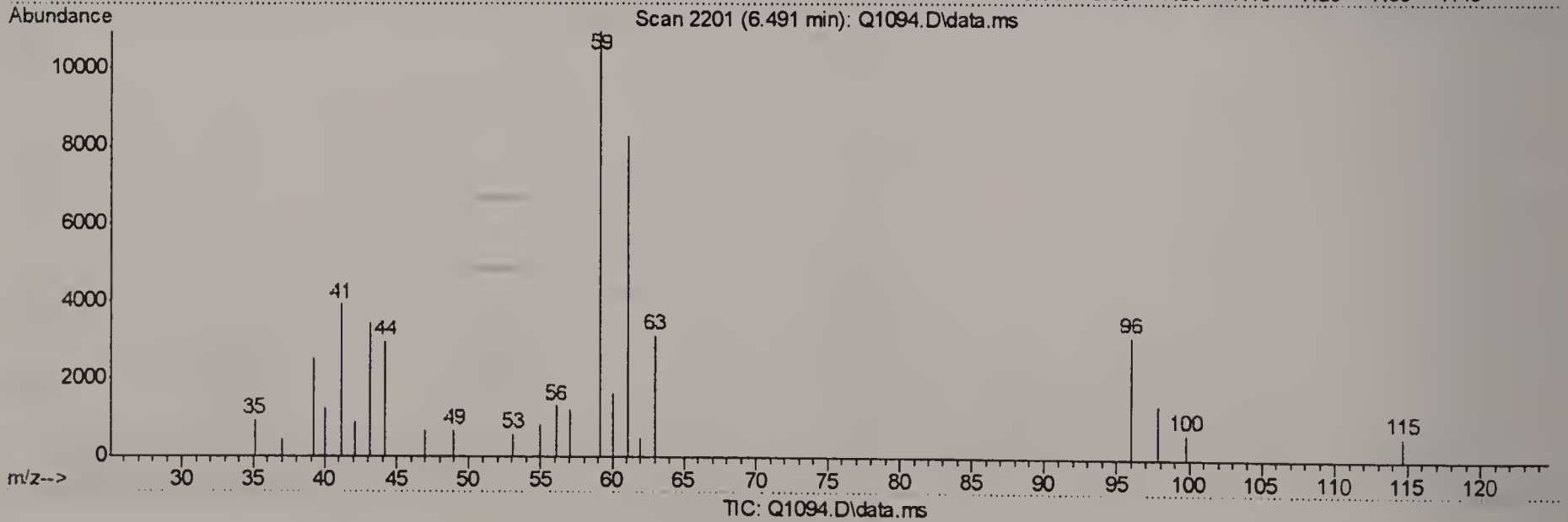
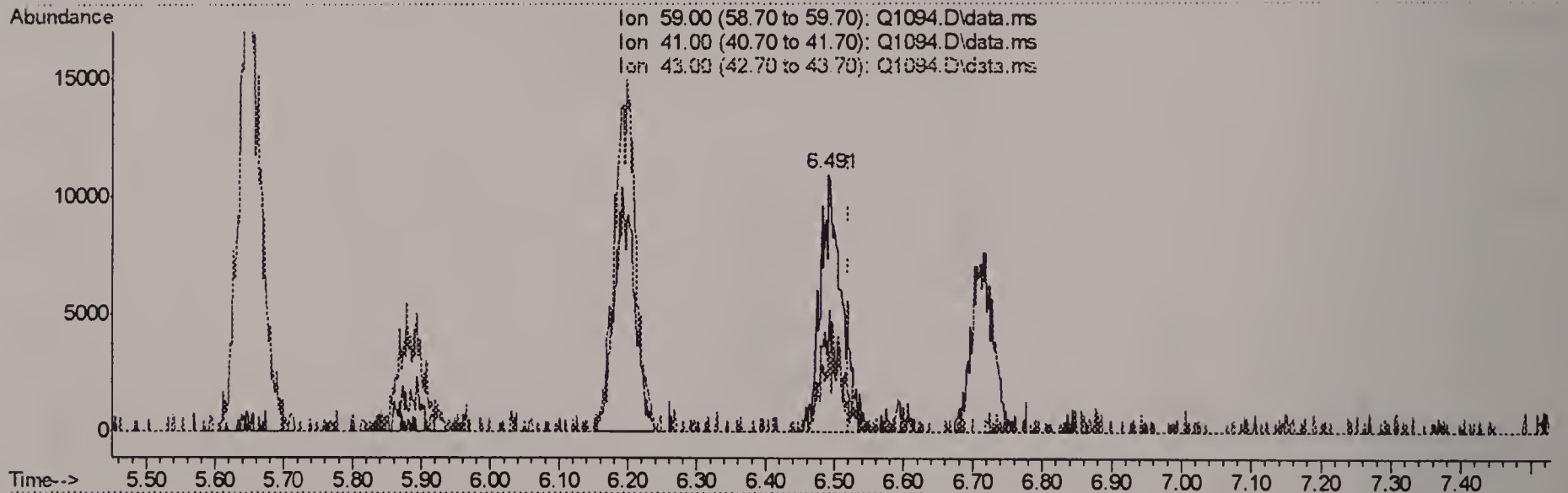
response 8967

Ion	Exp%	Act%
59.00	100	100
41.00	22.60	114.02#
43.00	16.40	82.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.491min (-0.030) 0.32PPBV m

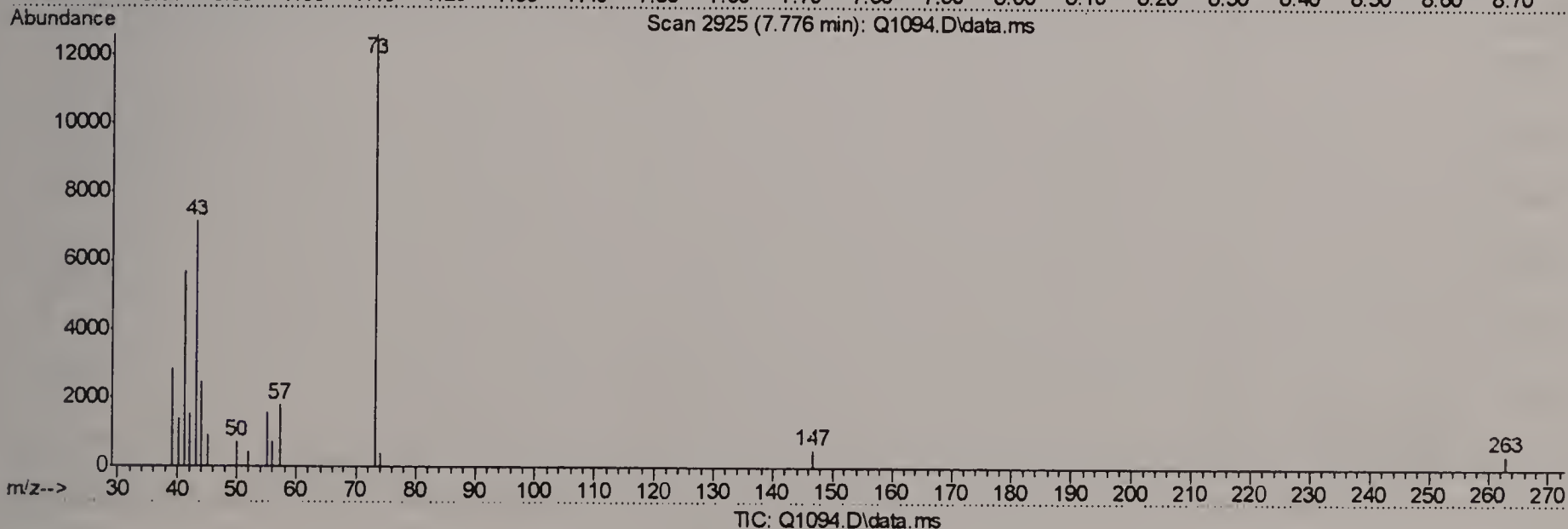
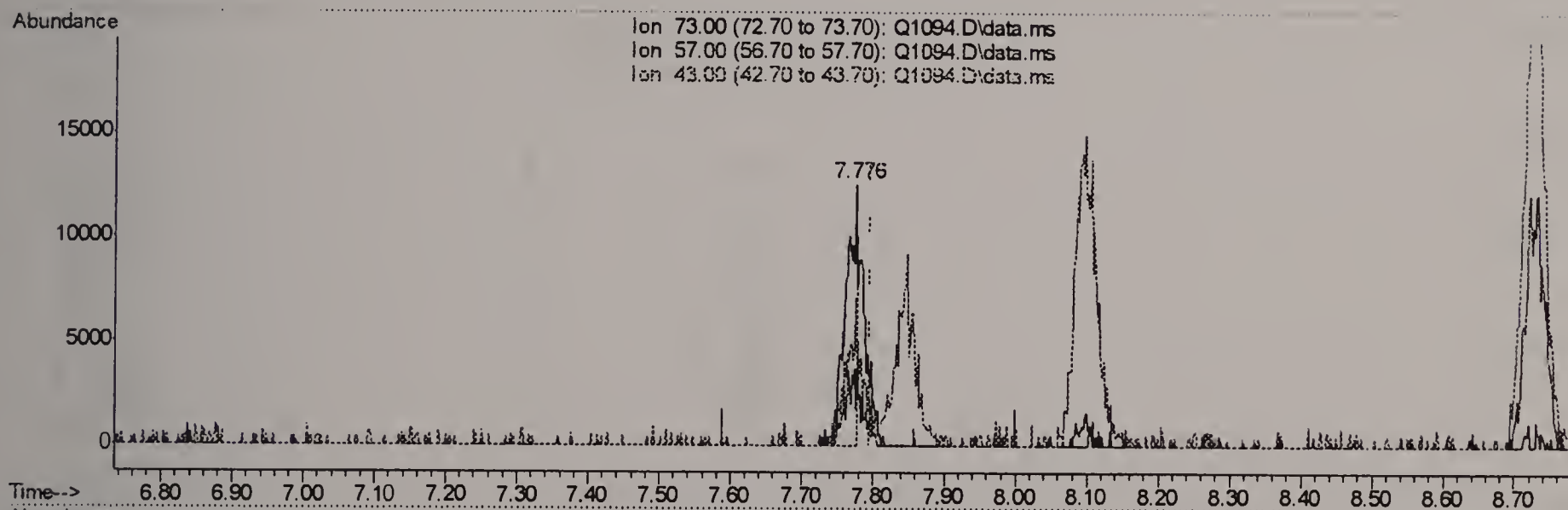
response 23750

Ion	Exp%	Act%
59.00	100	100
41.00	22.60	43.05#
43.00	16.40	31.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(23) METHYL TERTIARY BUTYL ETHER (m)

7.776min (-0.020) 0.16PPBV

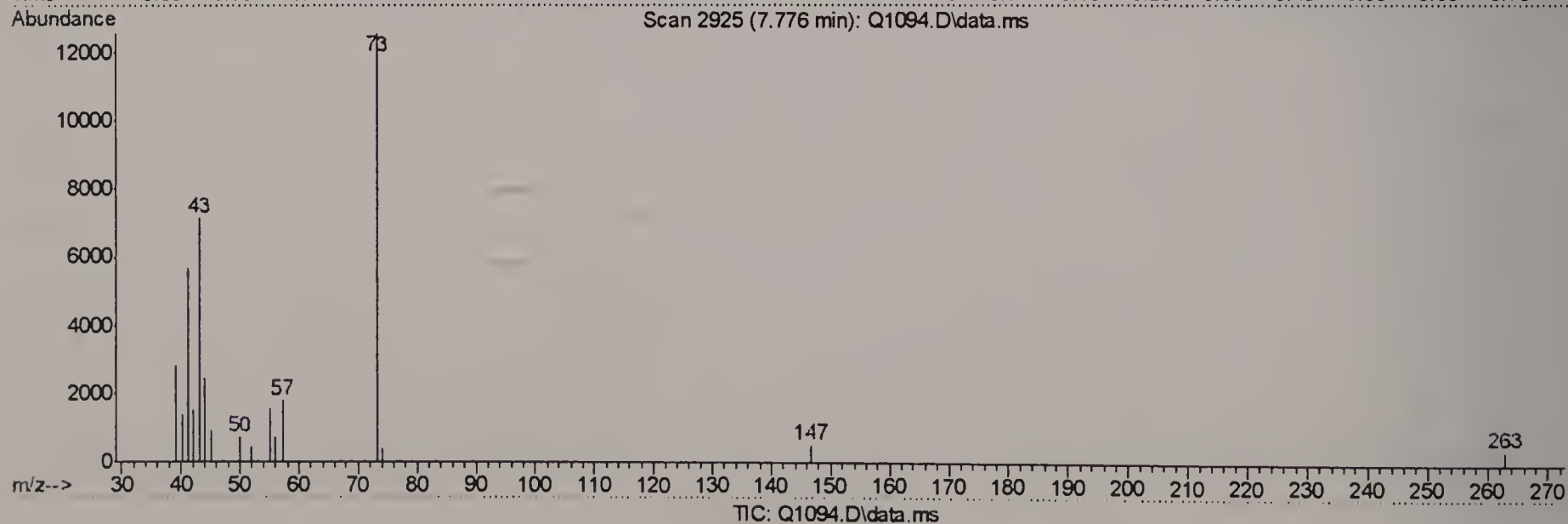
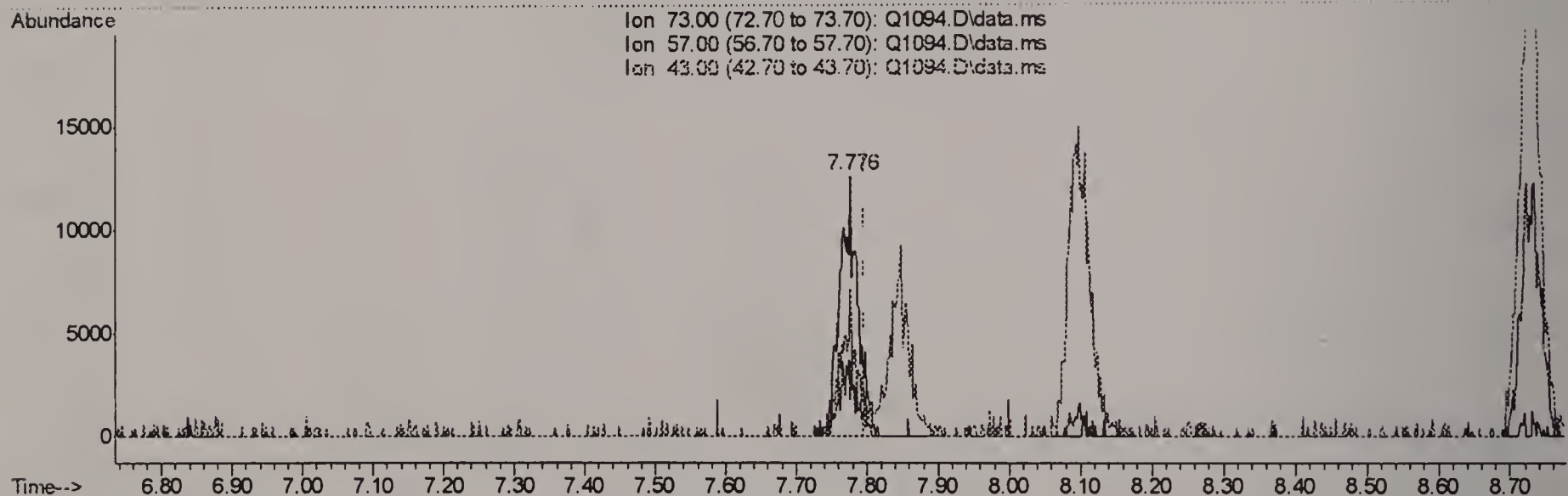
response 13962

Ion	Exp%	Act%
73.00	100	100
57.00	24.10	45.80#
43.00	29.00	79.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(23) METHYL TERTIARY BUTYL ETHER (m)

7.776min (-0.020) 0.26PPBV m

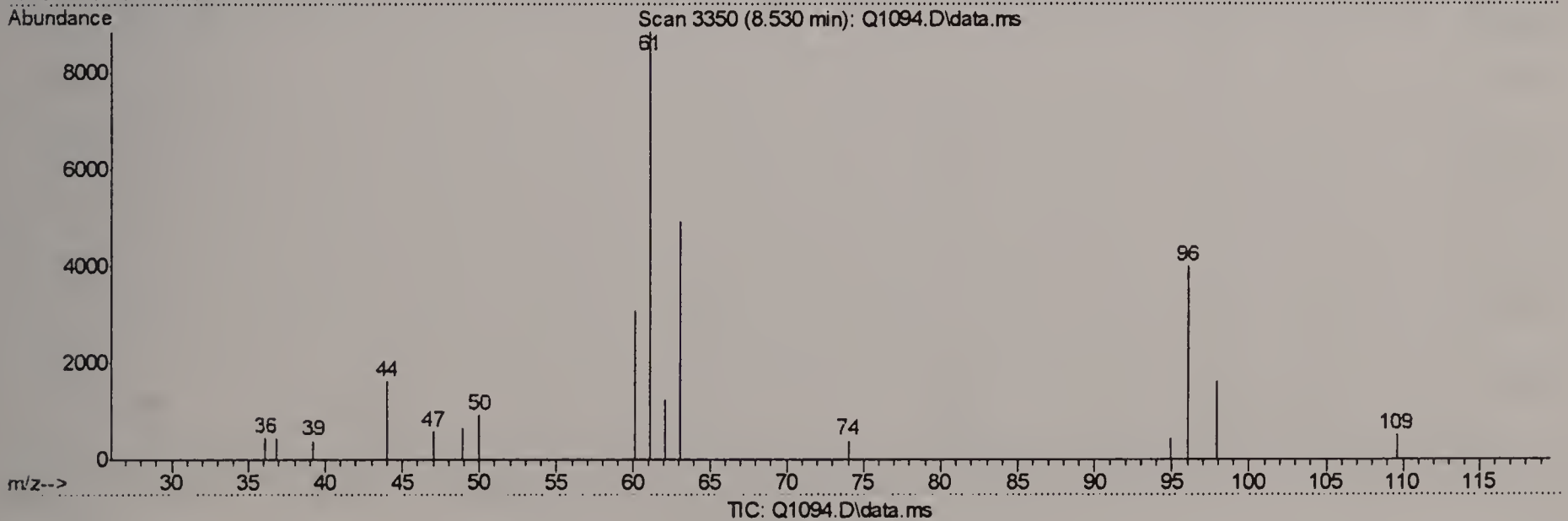
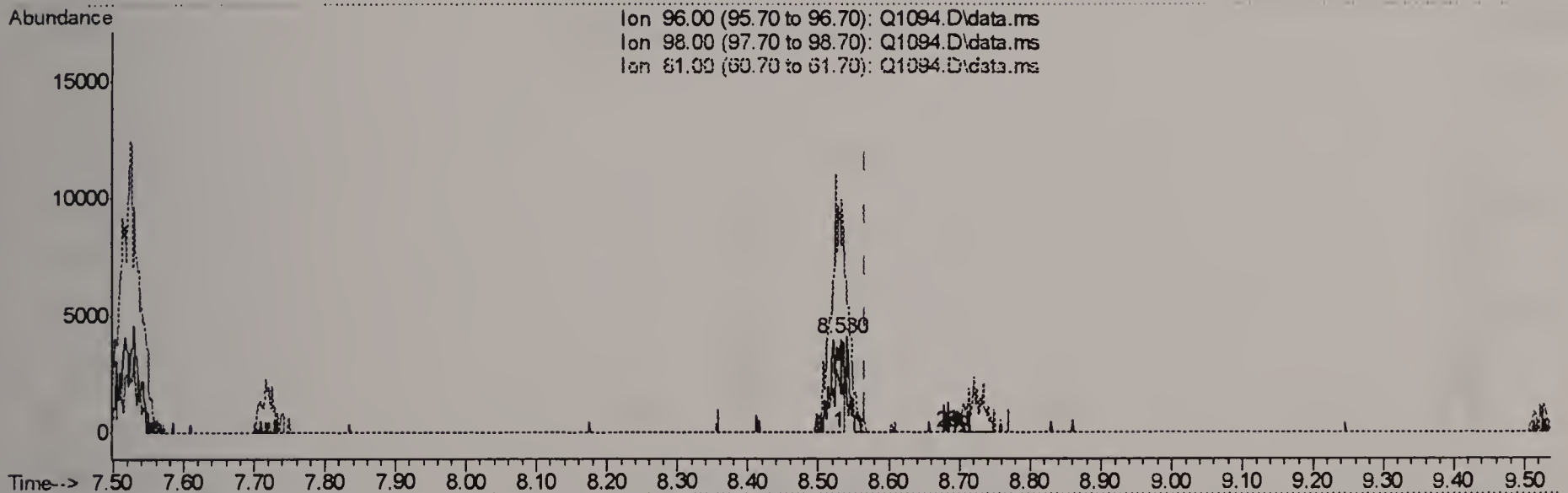
response 22097

Ion	Exp%	Act%
73.00	100	100
57.00	24.10	28.94
43.00	29.00	49.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(29) cis-1,2-DICHLOROETHYLENE (m)

8.530min (-0.036) 0.17PPBV

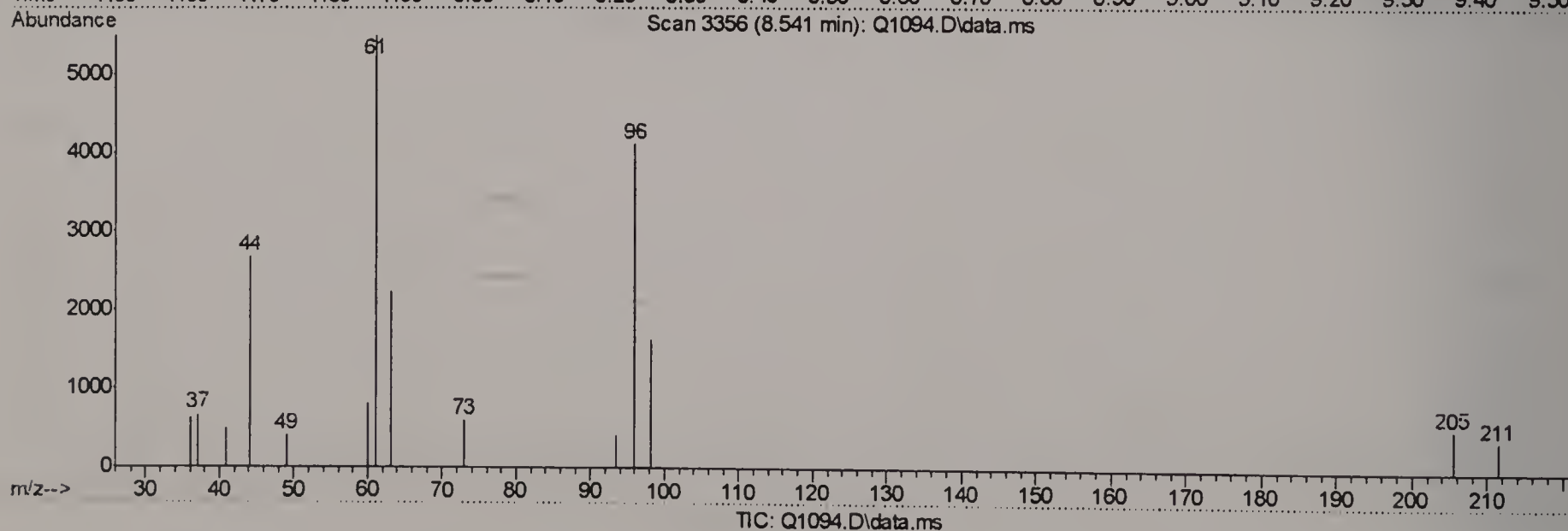
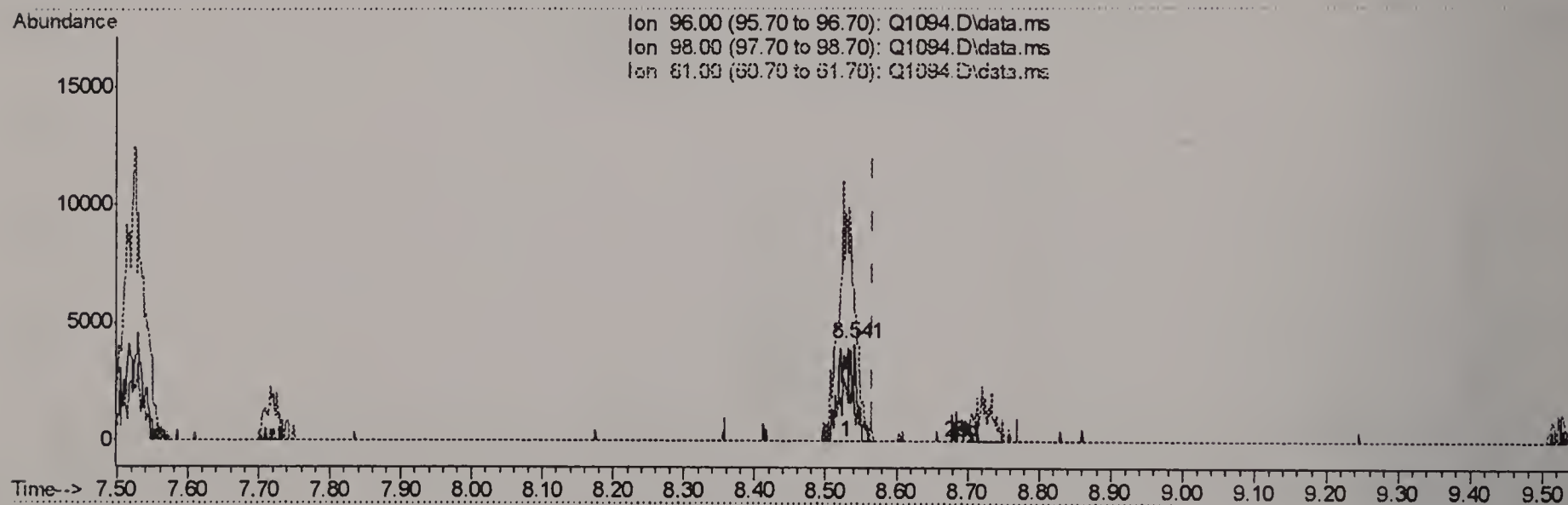
response 5116

Ion	Exp%	Act%
96.00	100	100
98.00	63.50	49.28
61.00	178.00	338.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(29) cis-1,2-DICHLOROETHYLENE (m)

8.541min (-0.025) 0.23PPBV m

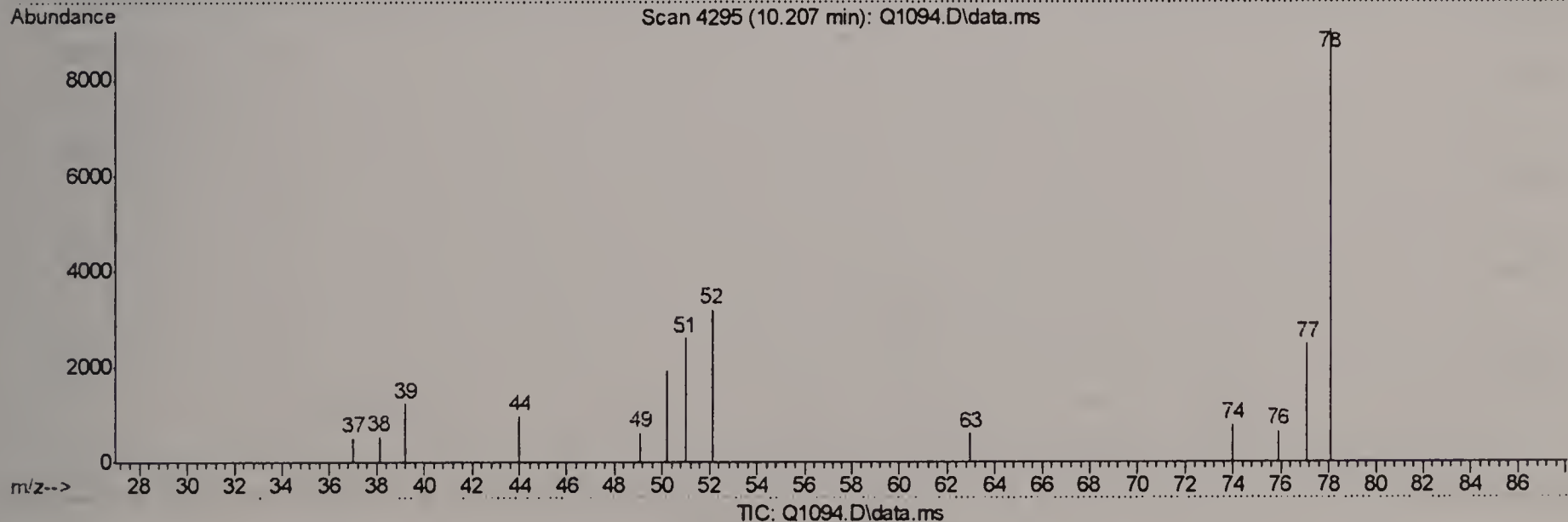
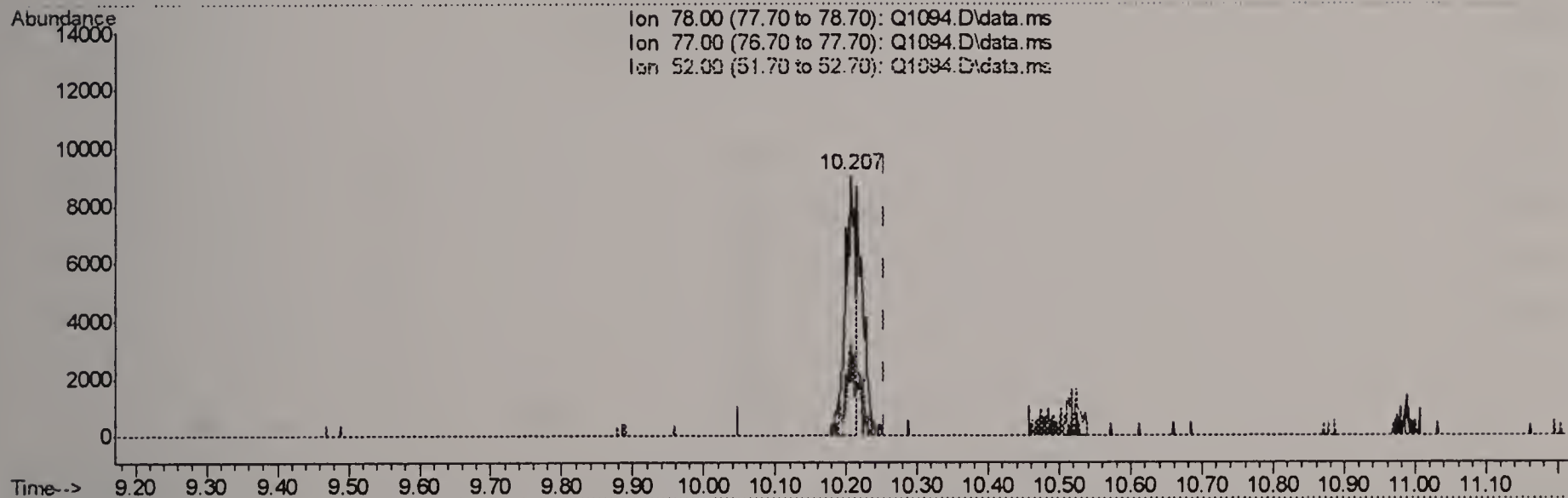
response 7030

Ion	Exp%	Act%
96.00	100	100
98.00	63.50	35.86#
61.00	178.00	246.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(36) BENZENE (m)

10.207min (-0.046) 0.13PPBV

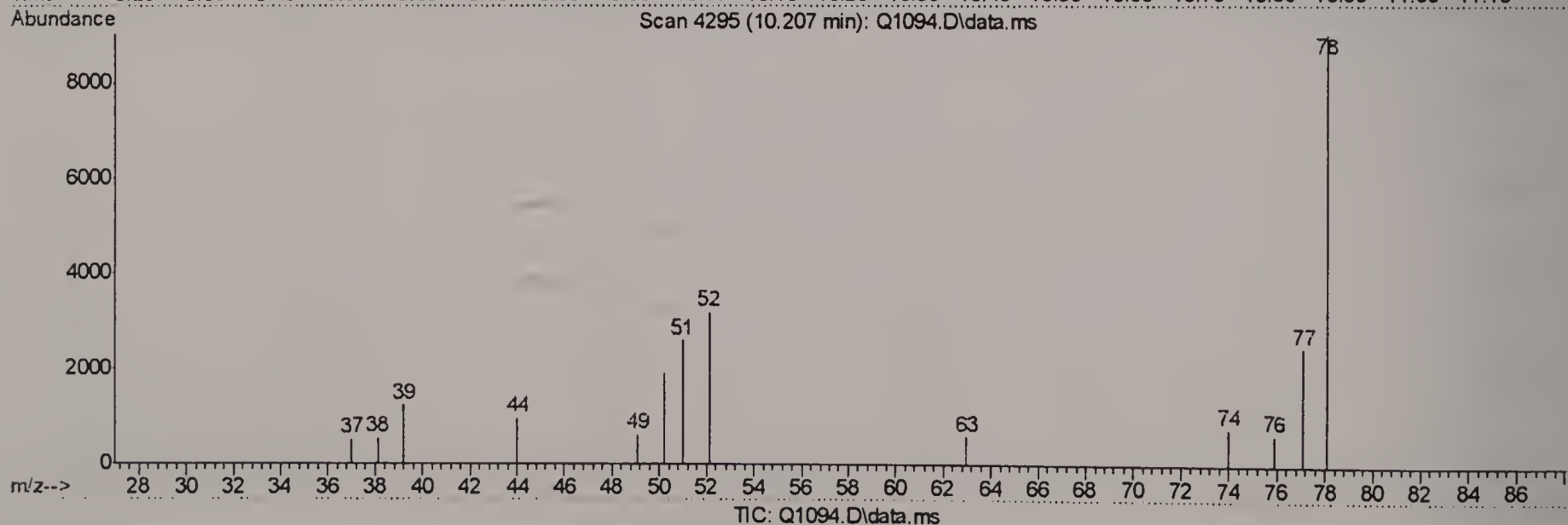
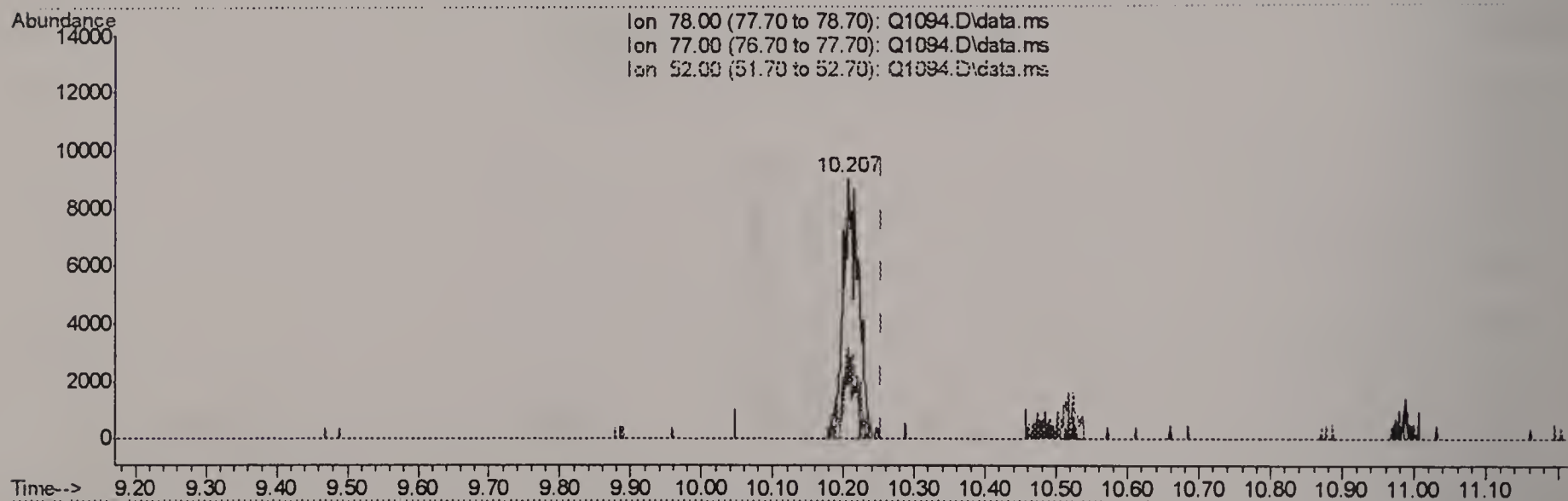
response 8883

Ion	Exp%	Act%
78.00	100	100
77.00	23.40	41.29
52.00	22.00	44.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(36) BENZENE (m)

10.207min (-0.046) 0.21PPBV m

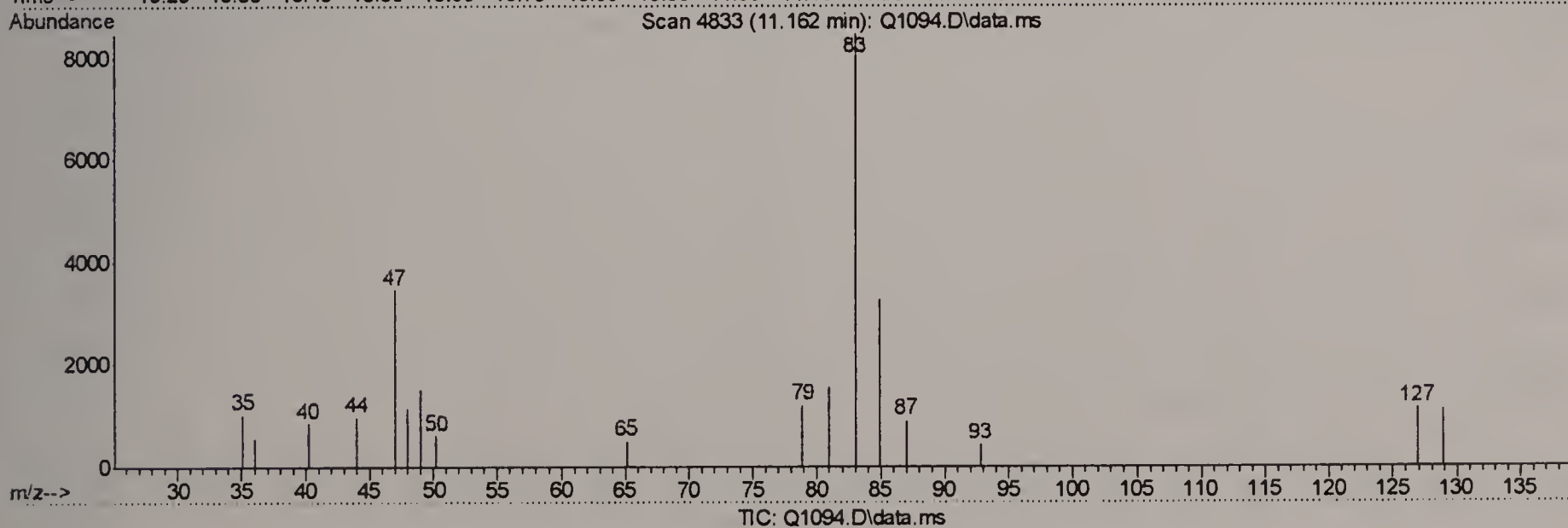
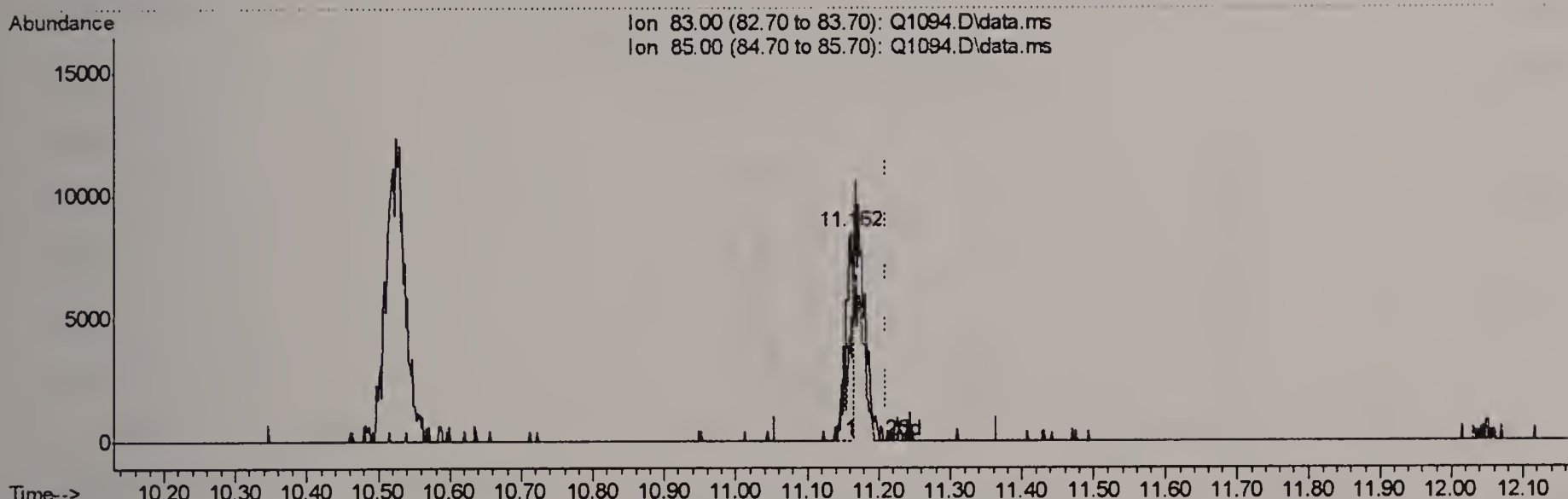
response 14481

Ion	Exp%	Act%
78.00	100	100
77.00	23.40	25.33
52.00	22.00	27.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(40) BROMODICHLOROMETHANE (m)

11.162min (-0.048) 0.15PPBV

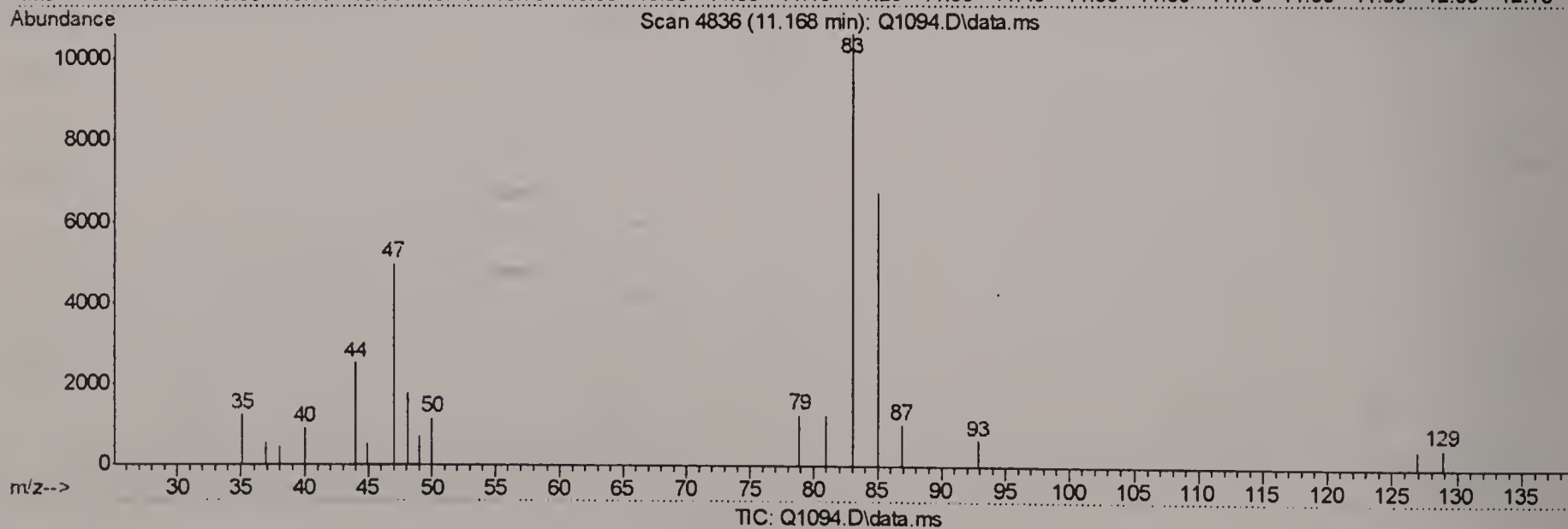
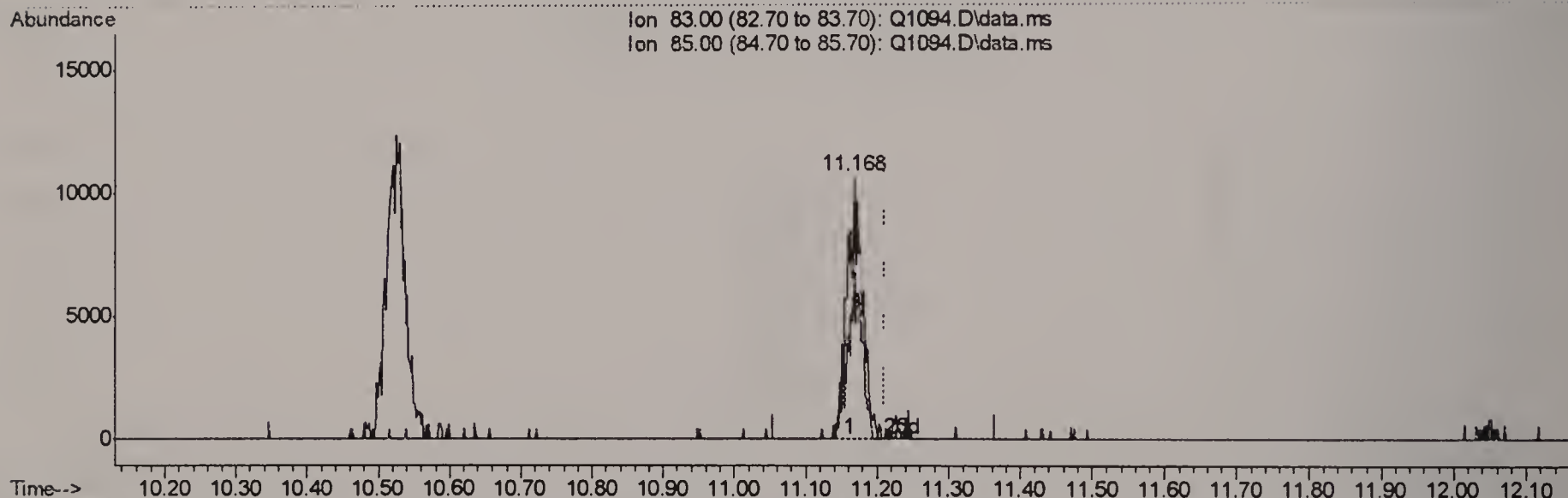
response 7136

Ion	Exp%	Act%
83.00	100	100
85.00	64.10	131.91#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(40) BROMODICHLOROMETHANE (m)

11.168min (-0.043) 0.35PPBV m

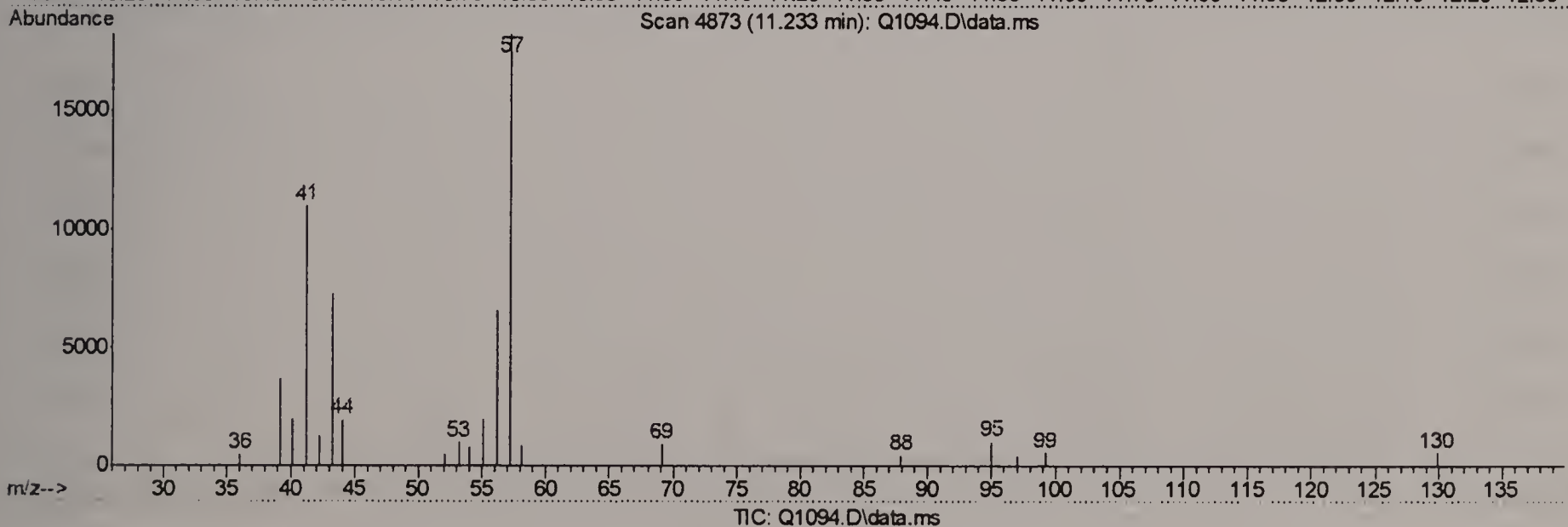
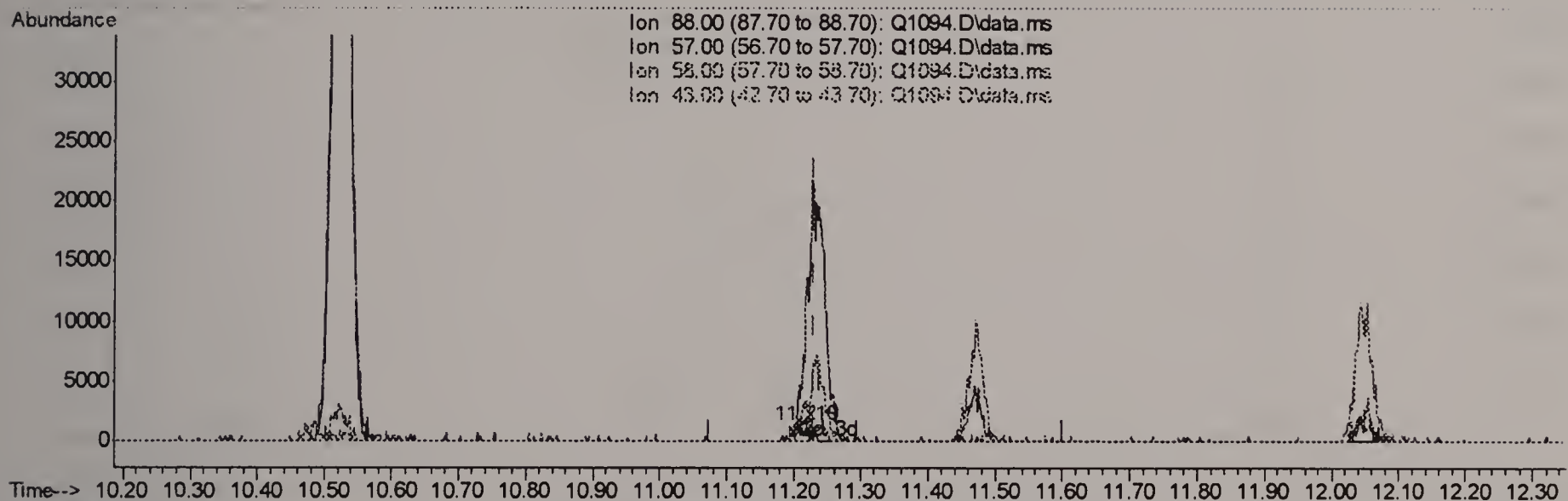
response 16362

Ion	Exp%	Act%
83.00	100	100
85.00	64.10	57.53
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(42) 1,4-DIOXANE (m)

11.219min (-0.011) 0.12PPBV

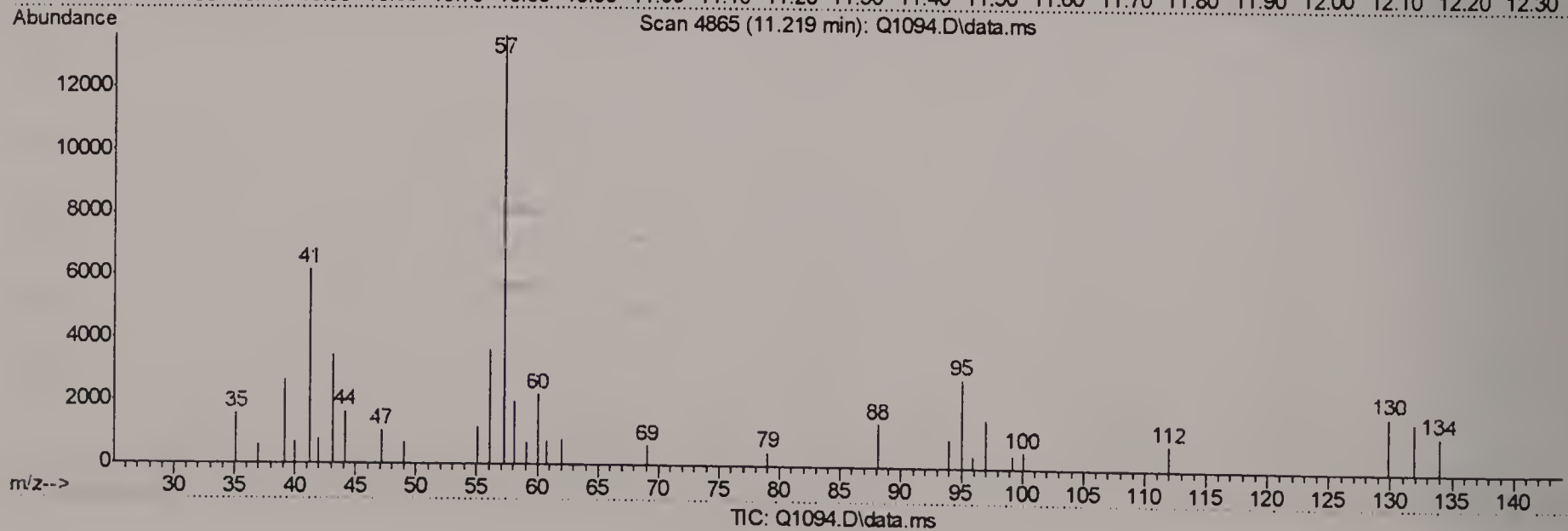
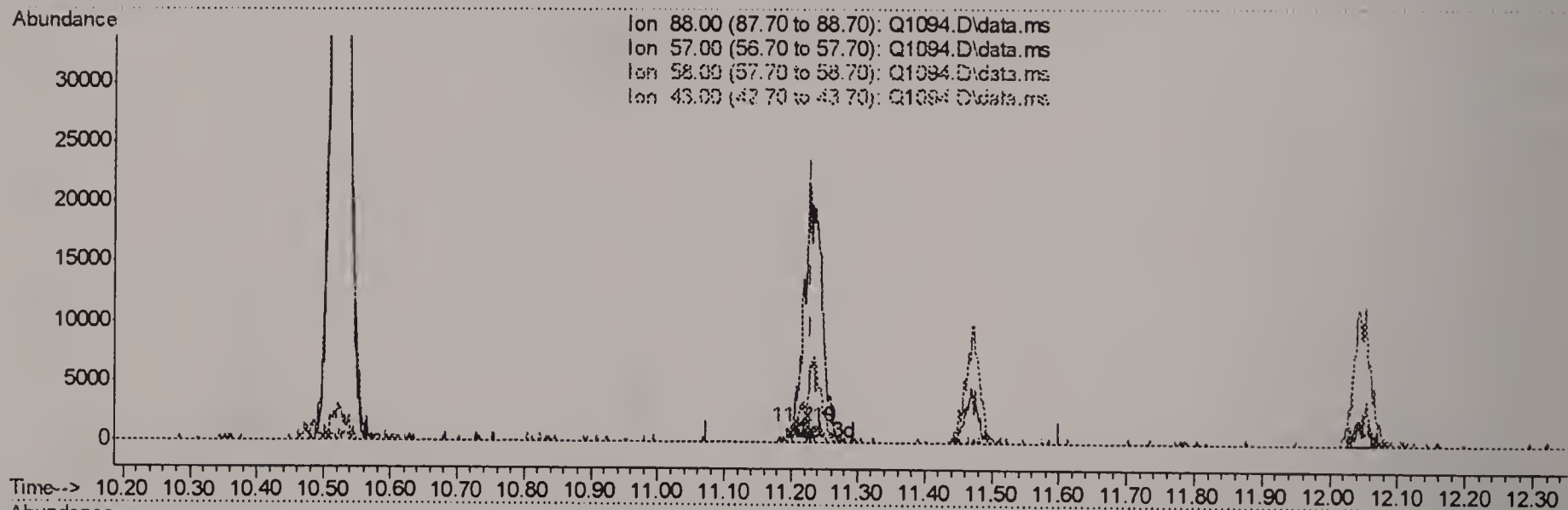
response 1423

Ion	Exp%	Act%
88.00	100	100
57.00	34.20	975.95#
58.00	83.20	142.18#
43.00	45.30	249.96#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(42) 1,4-DIOXANE (m)

11.219min (-0.011) 0.16PPBV m

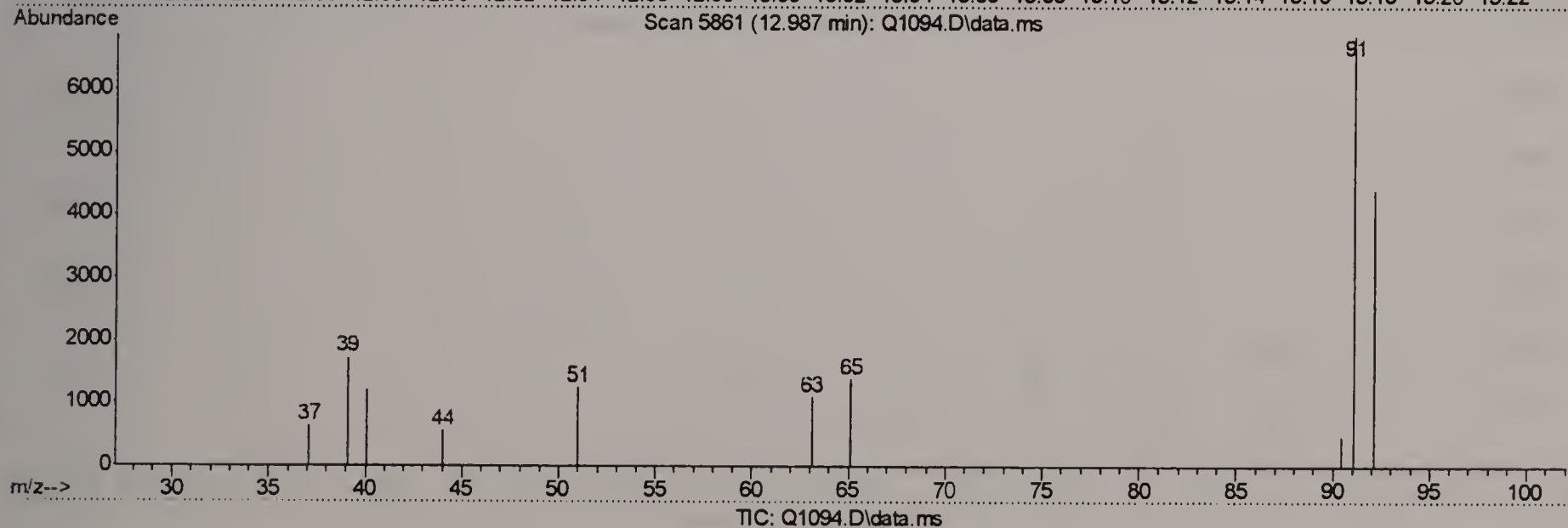
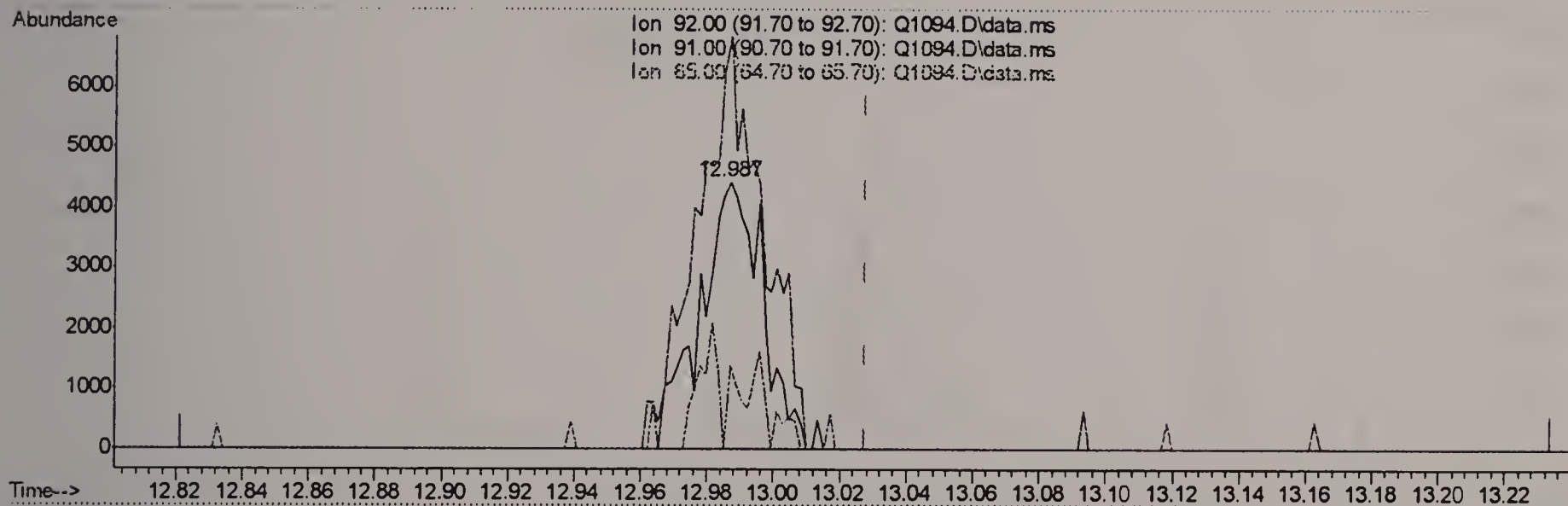
response 1883

Ion	Exp%	Act%
88.00	100	100
57.00	34.20	975.95#
58.00	83.20	142.18#
43.00	45.30	249.96#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(46) TOLUENE (m)

12.987min (-0.041) 0.15PPBV

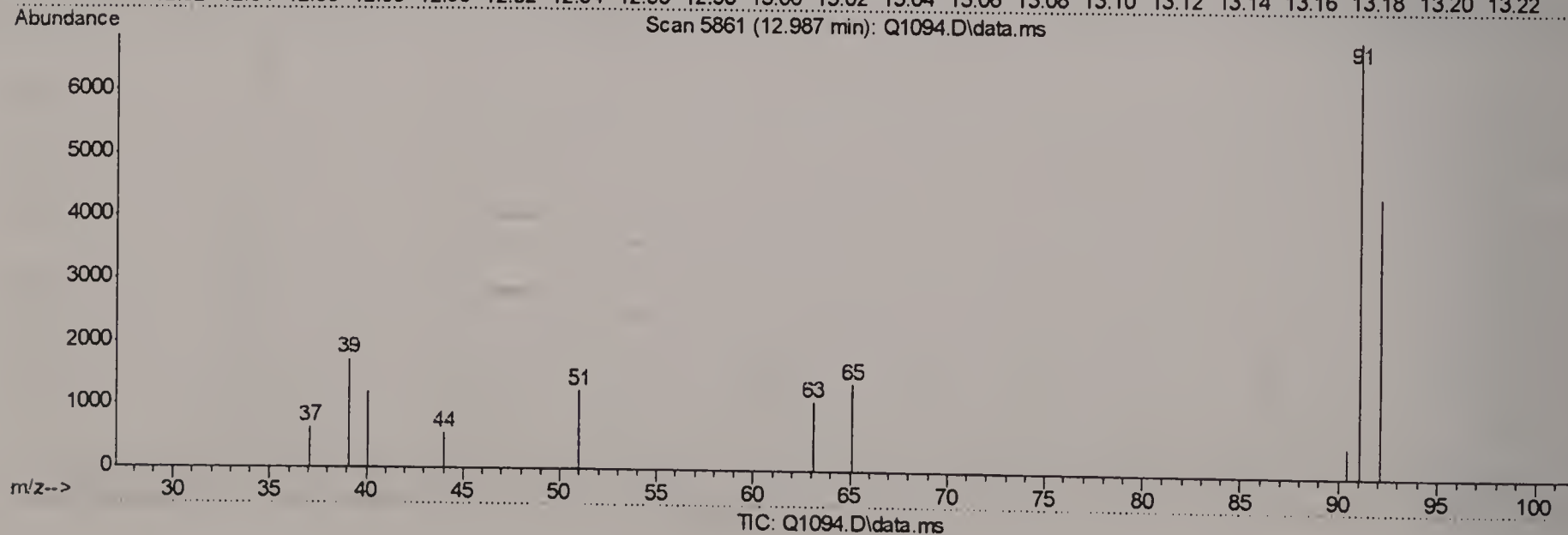
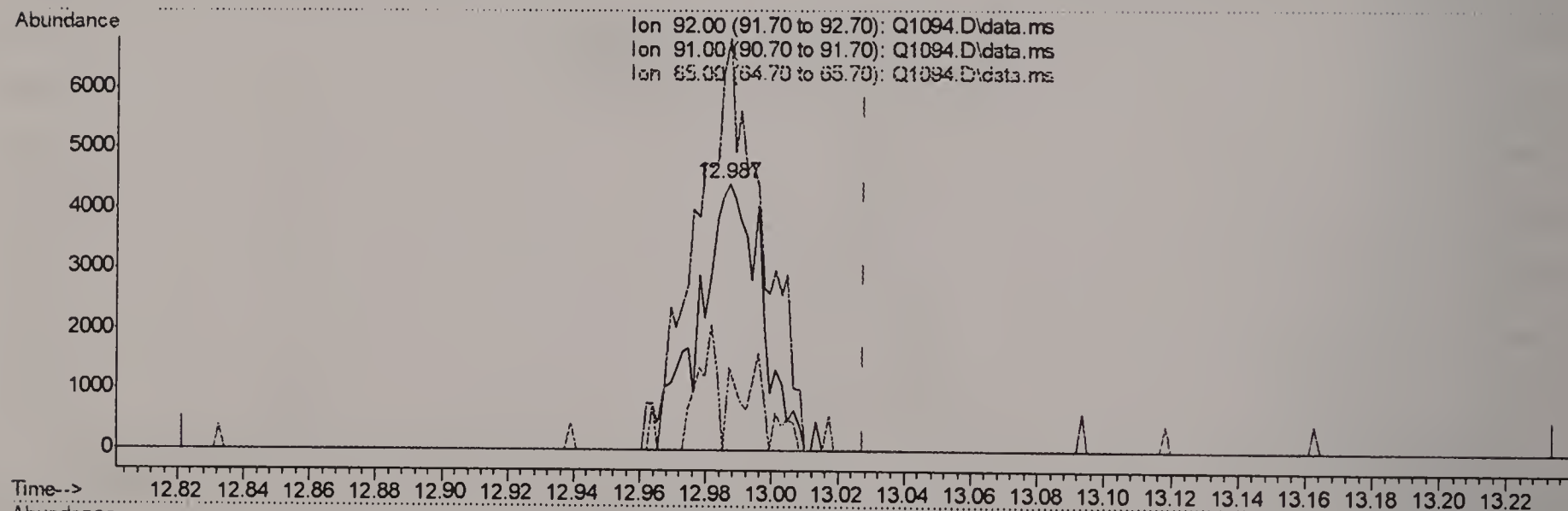
response 5776

Ion	Exp%	Act%
92.00	100	100
91.00	169.40	162.27
65.00	23.60	14.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(46) TOLUENE (m)

12.987min (-0.041) 0.15PPBV m

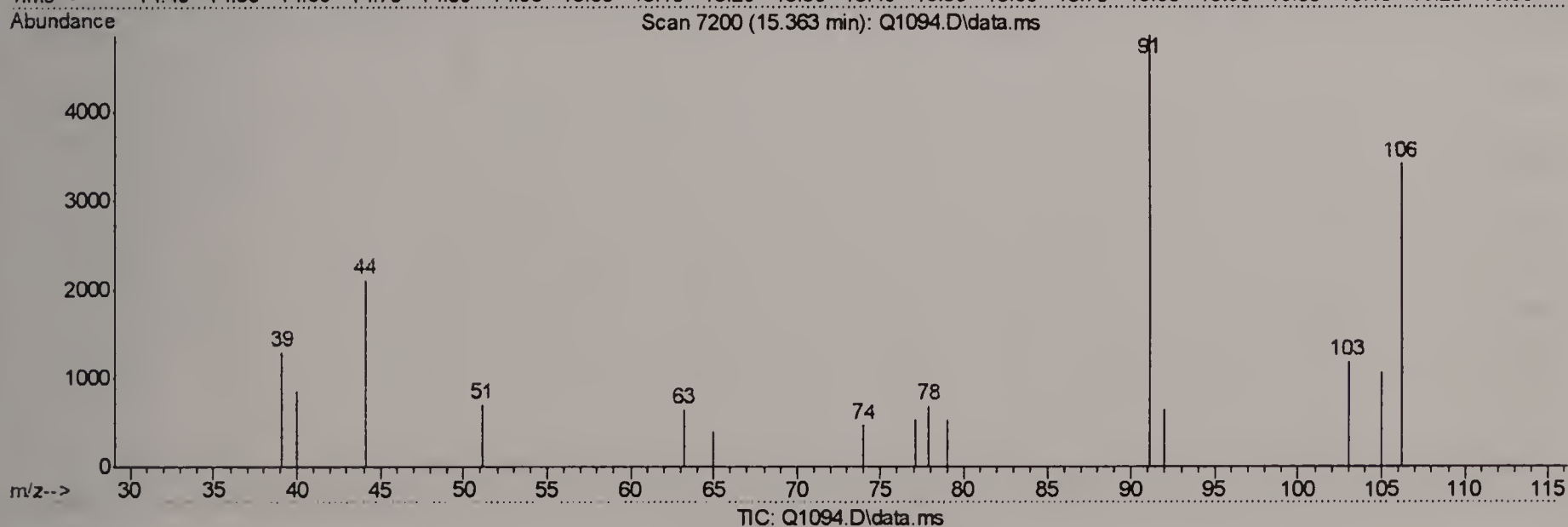
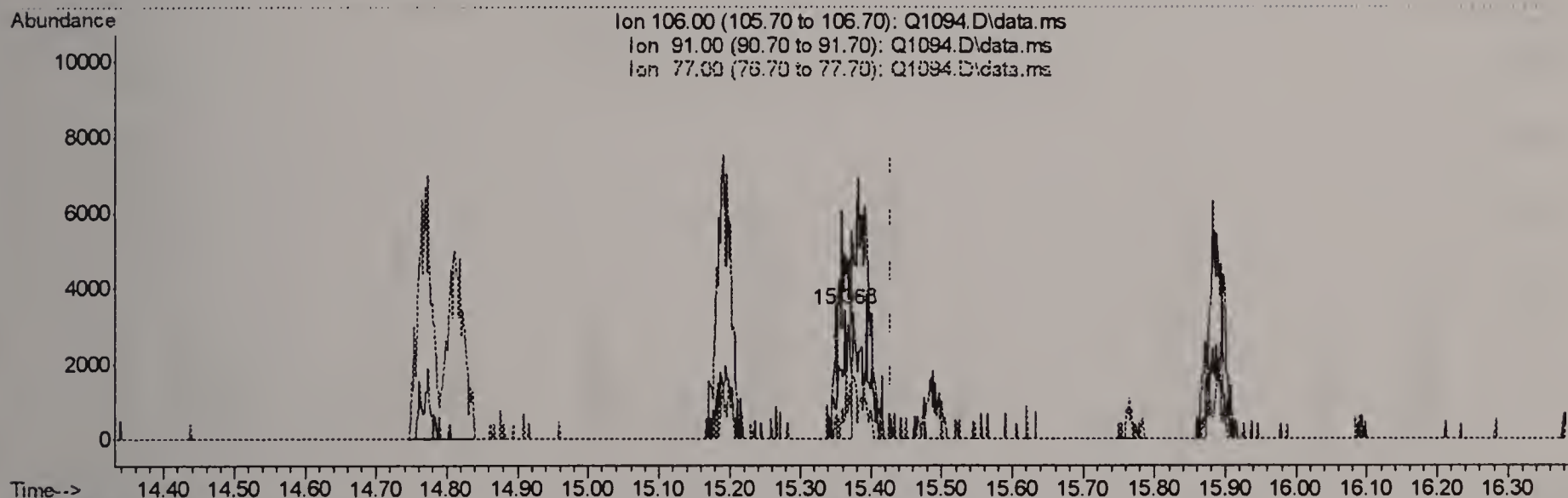
response 5777

Ion	Exp%	Act%
92.00	100	100
91.00	169.40	162.25
65.00	23.60	14.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.363min (-0.066) 0.14PPBV

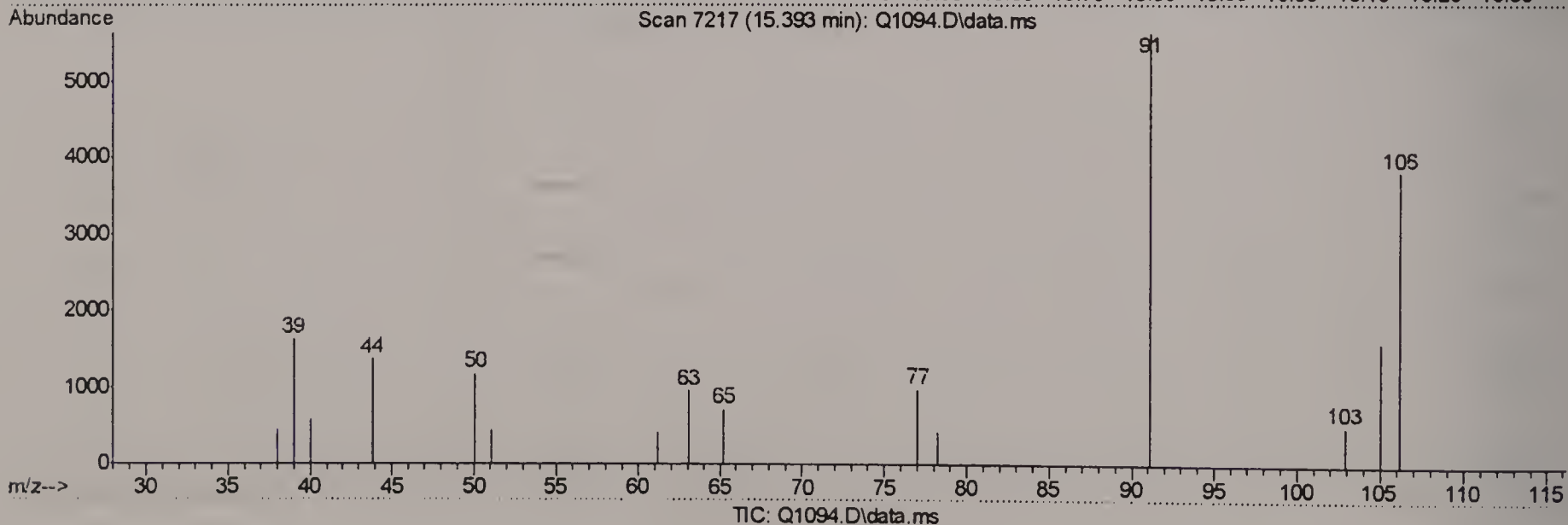
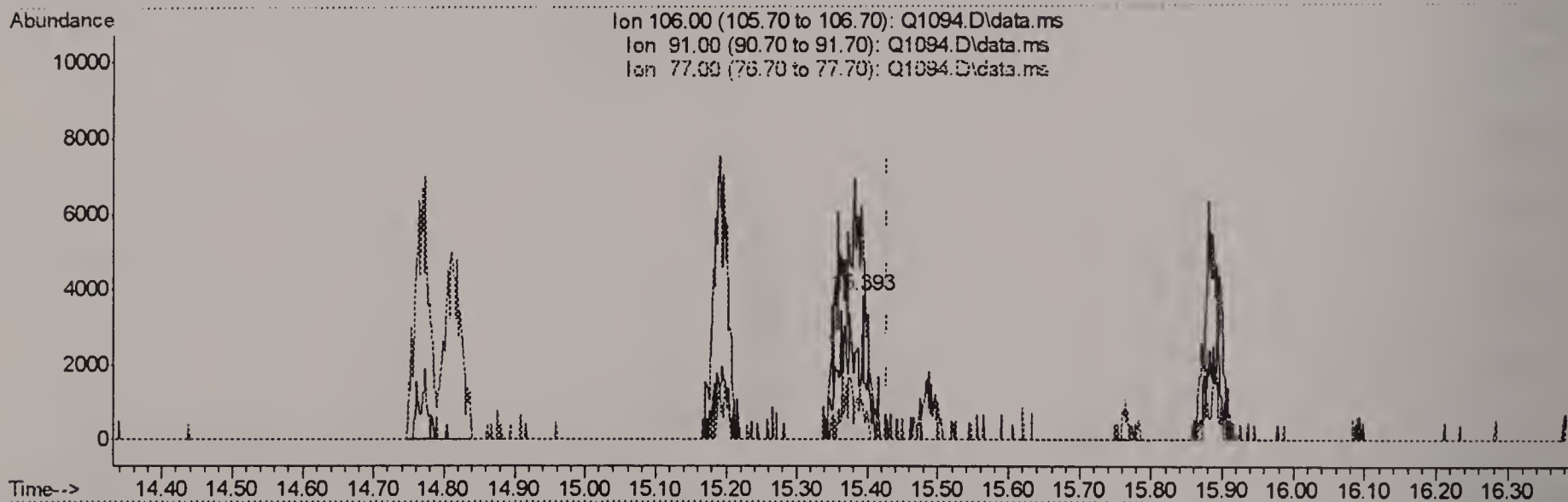
response 3368

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	142.66#
77.00	31.80	15.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.393min (-0.036) 0.30PPBV m

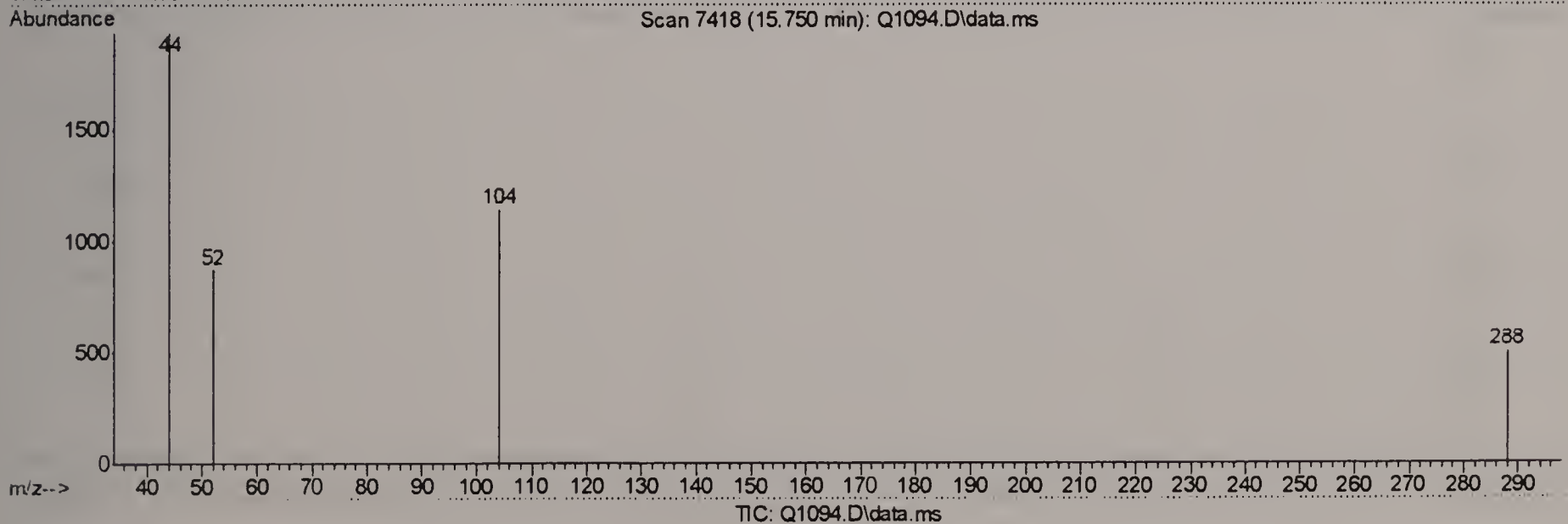
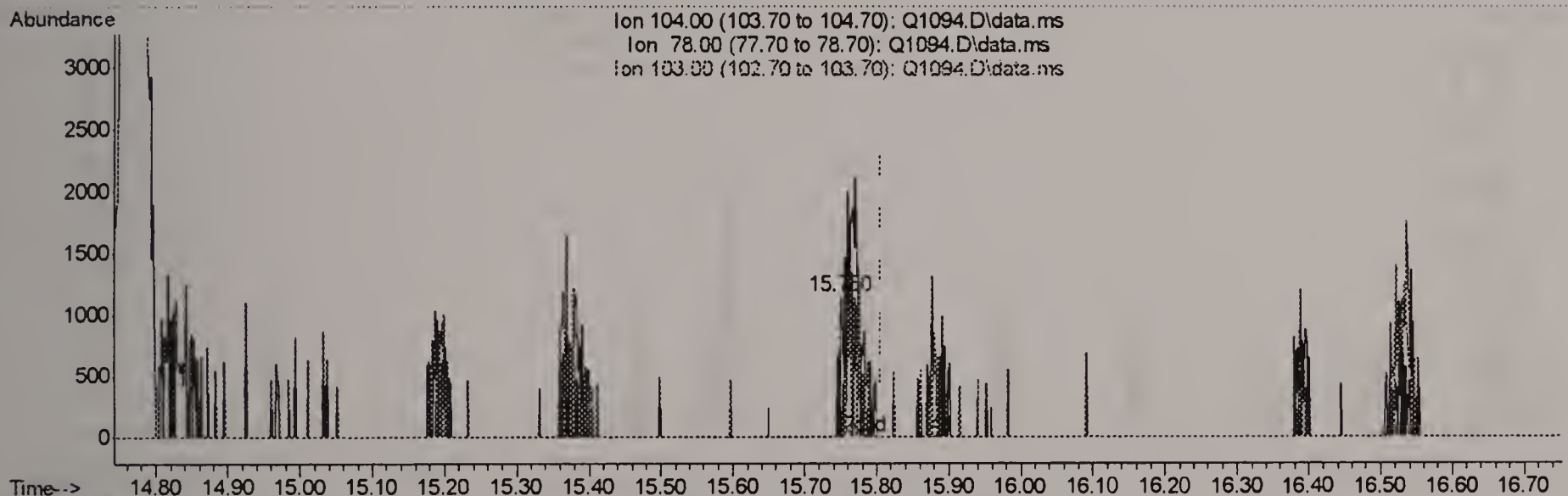
response 7182

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	147.05#
77.00	31.80	25.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.750min (-0.057) 0.01PPBV

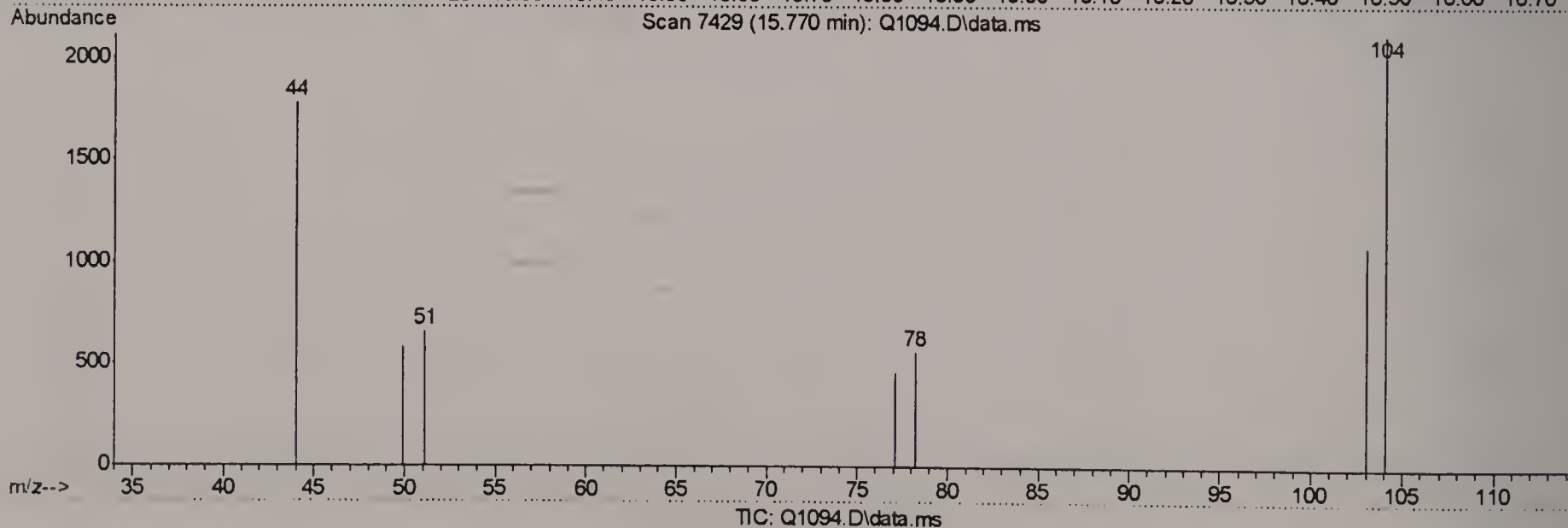
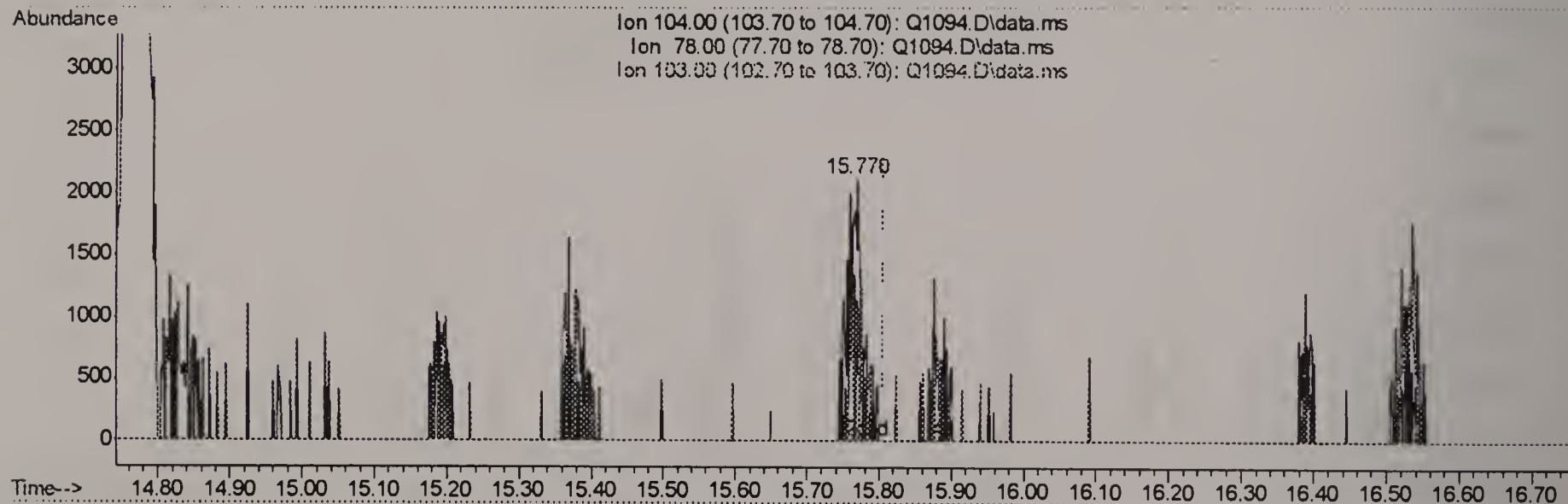
response 415

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	315.66#
103.00	46.10	91.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.770min (-0.037) 0.10PPBV m

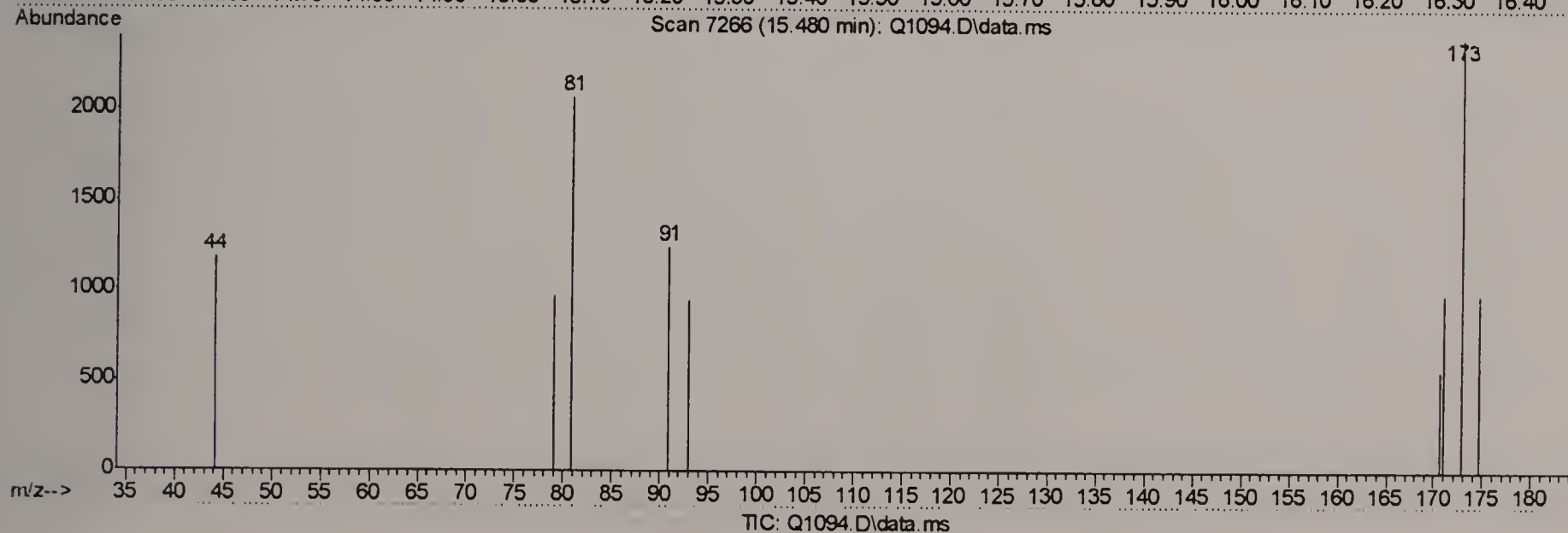
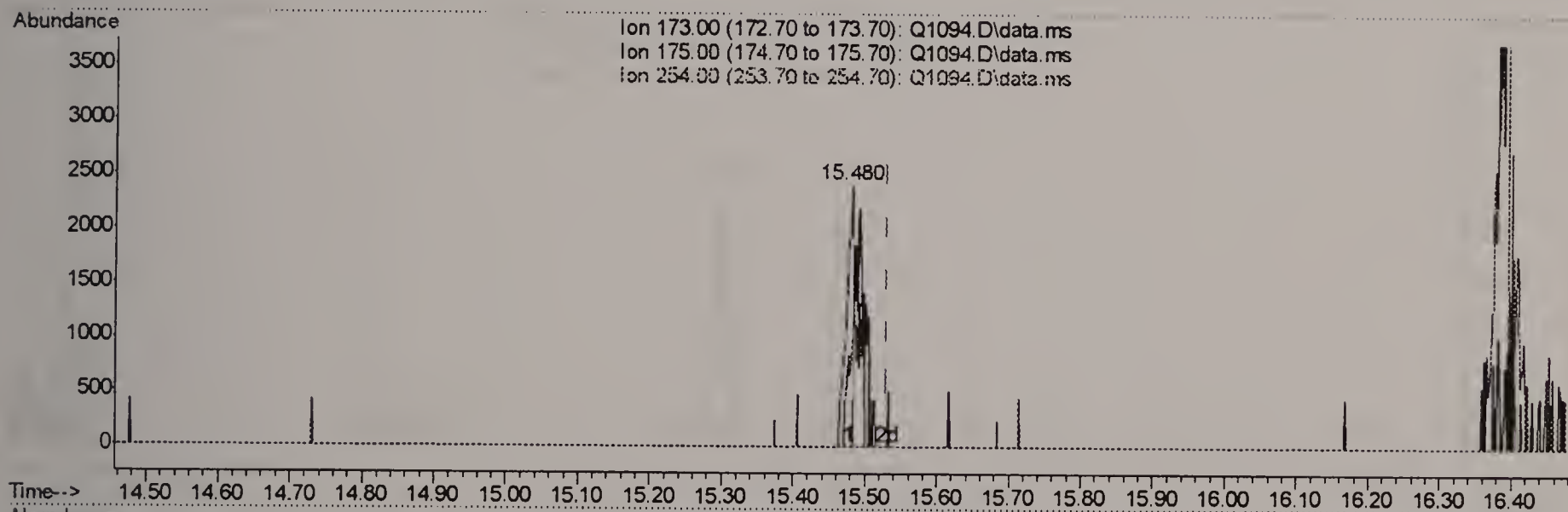
response 2749

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	47.65
103.00	46.10	13.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(60) BROMOFORM (m)

15.480min (-0.050) 0.09PPBV

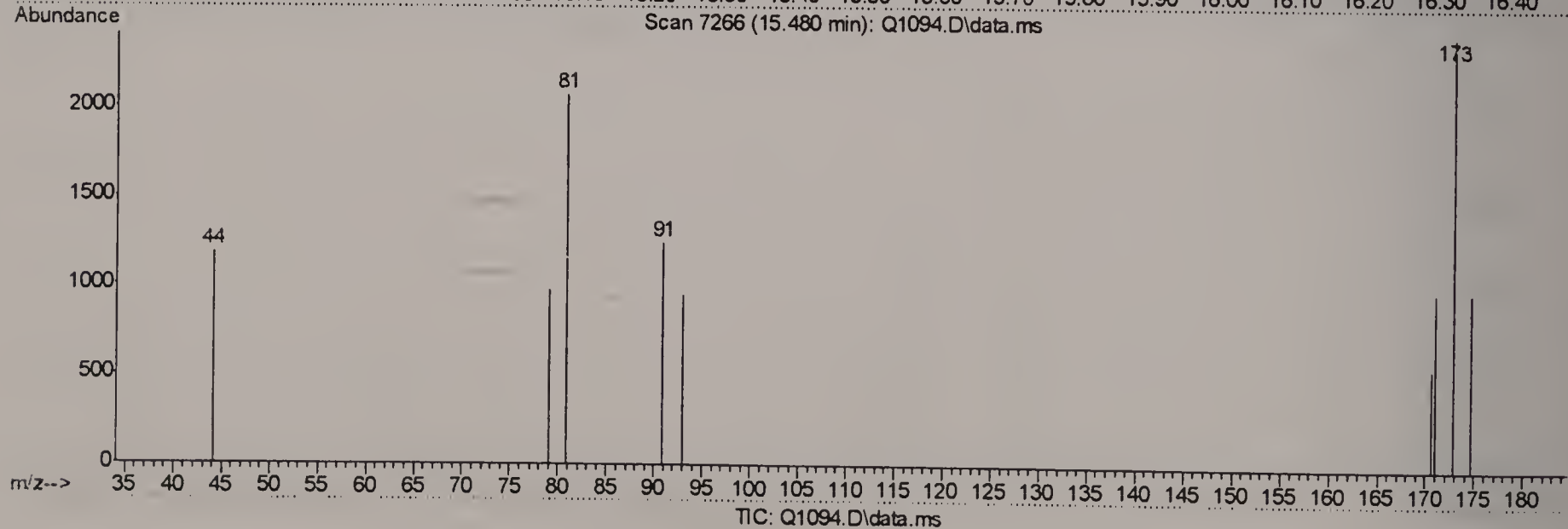
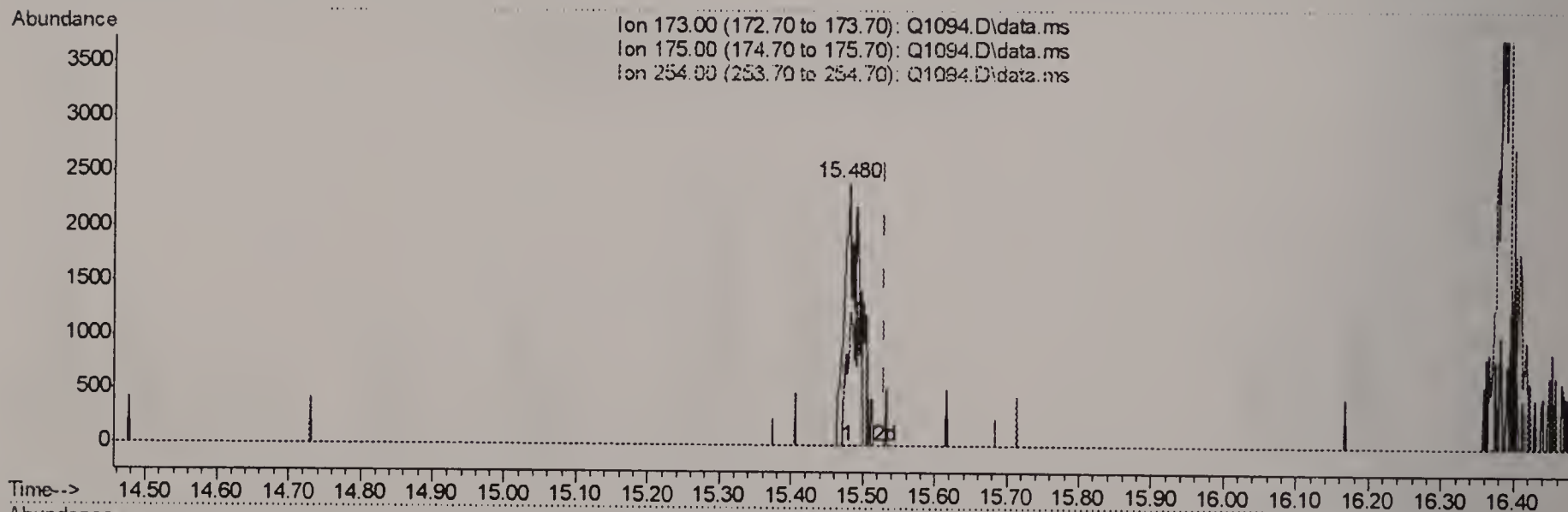
response 1540

Ion	Exp%	Act%
173.00	100	100
175.00	50.10	100.19#
254.00	6.30	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(60) BROMOFORM (m)

15.480min (-0.050) 0.22PPBV m

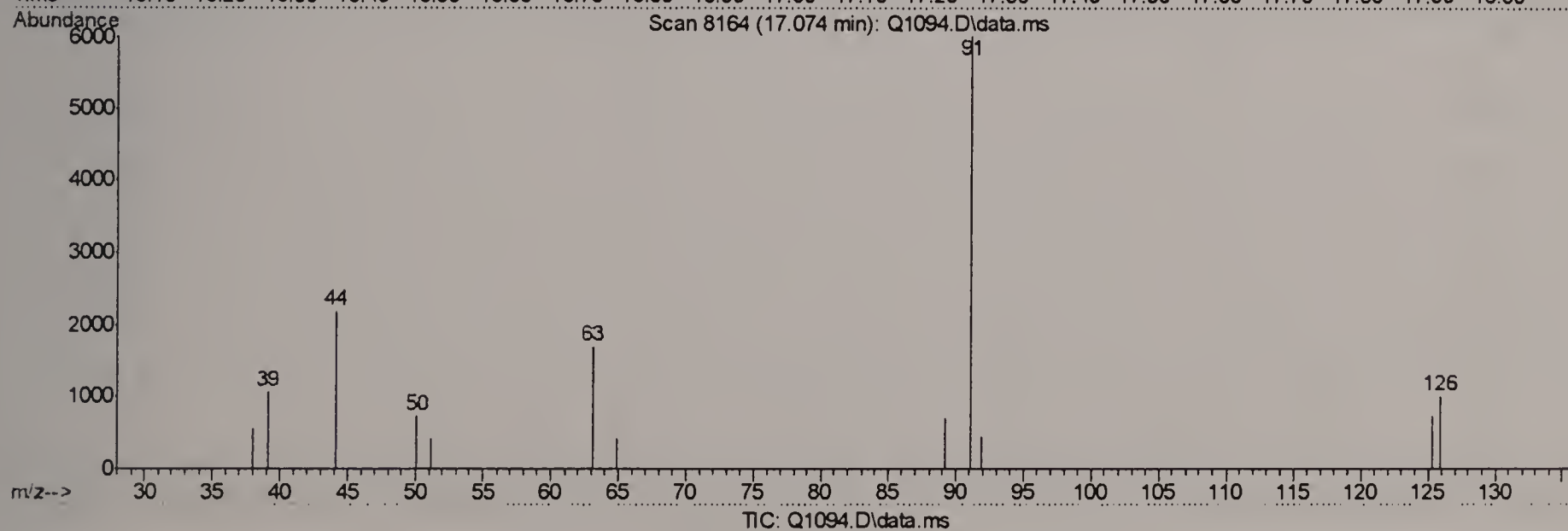
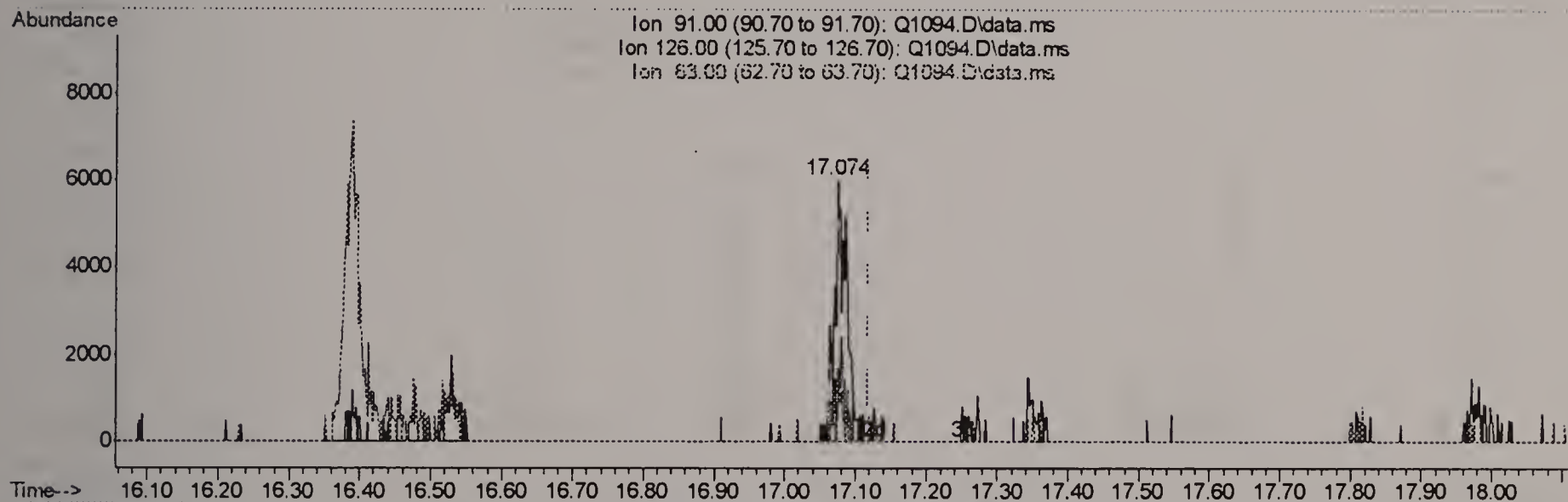
response. 3593

Ion	Exp%	Act%
173.00	100	100
175.00	50.10	42.94
254.00	6.30	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.074min (-0.045) 0.16PPBV

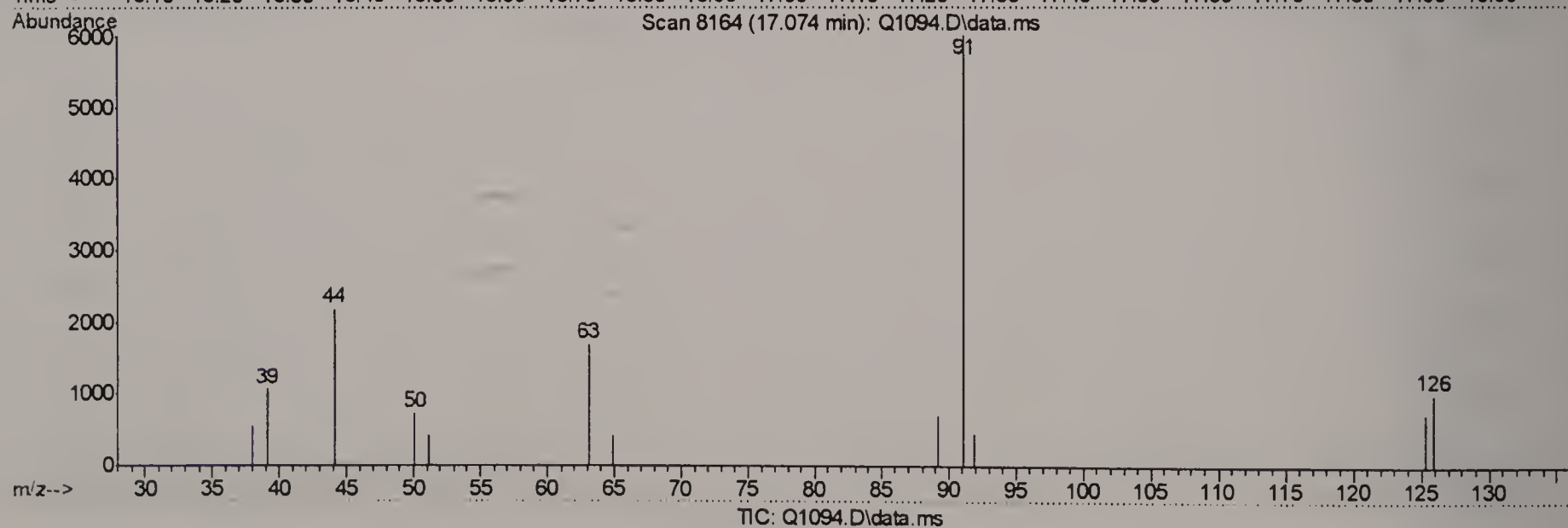
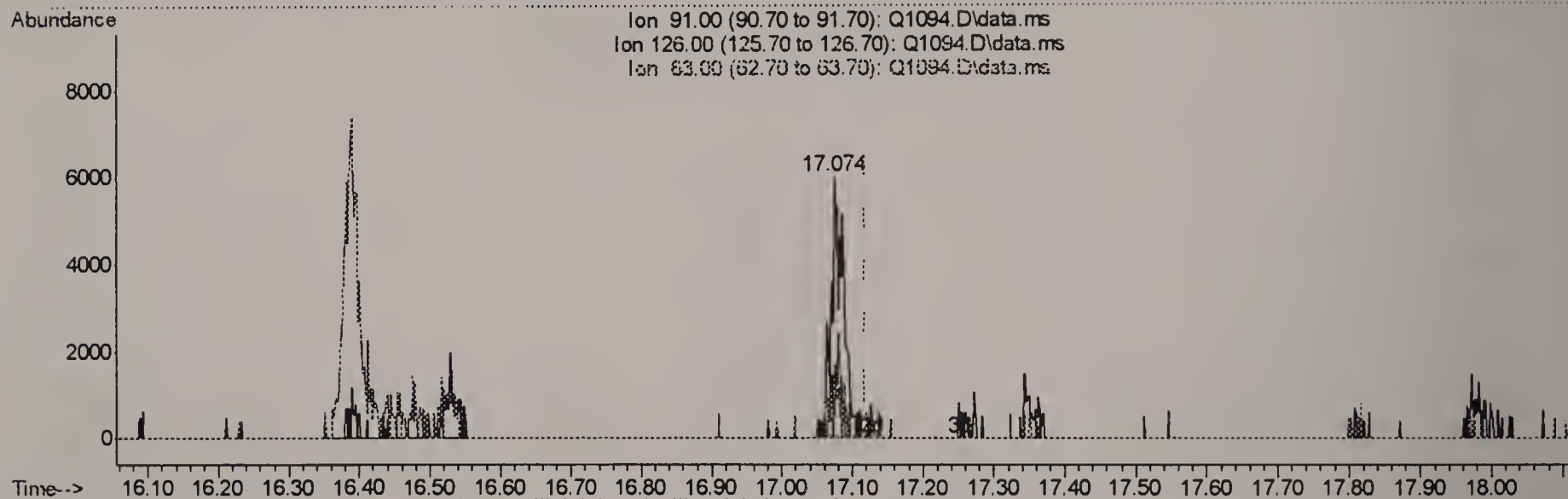
response, 7346

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	24.87
63.00	17.80	18.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.074min (-0.045) 0.17PPBV m

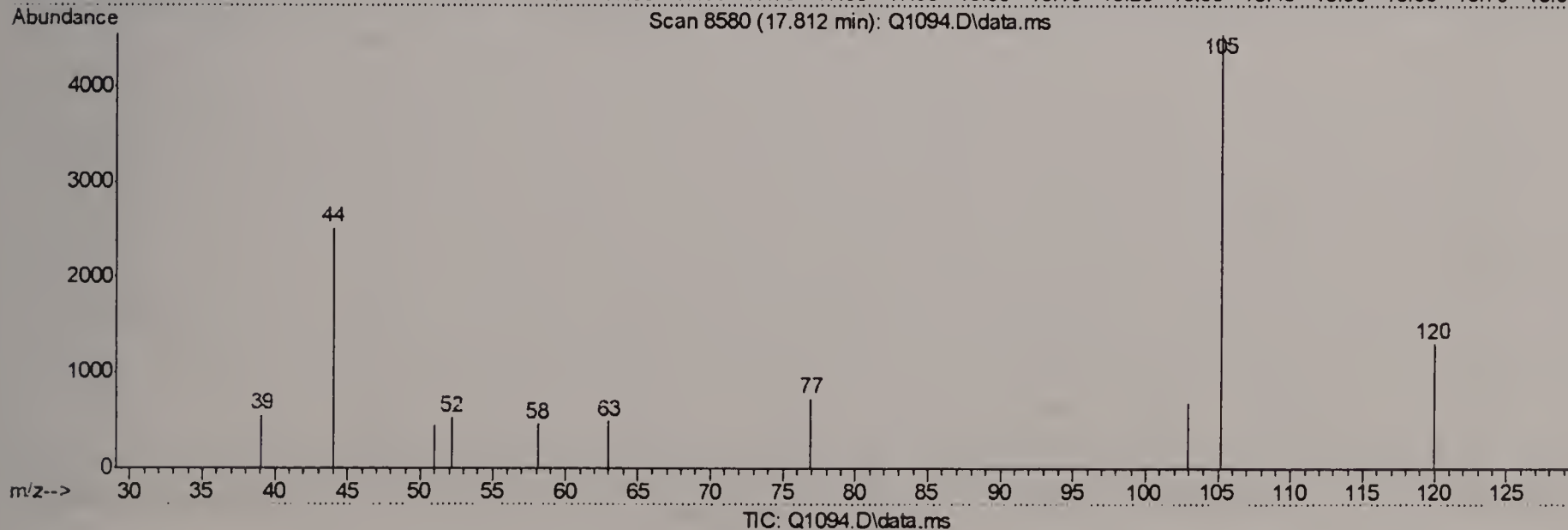
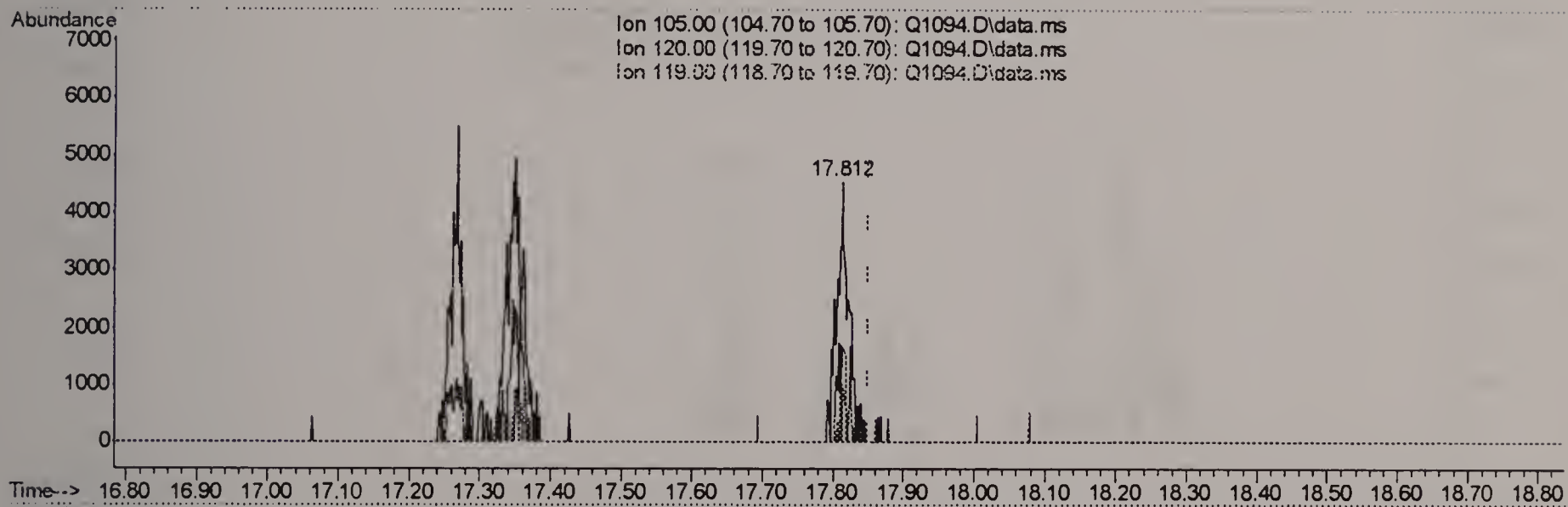
response 7741

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	23.60
63.00	17.80	17.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.812min (-0.039) 0.13PPBV

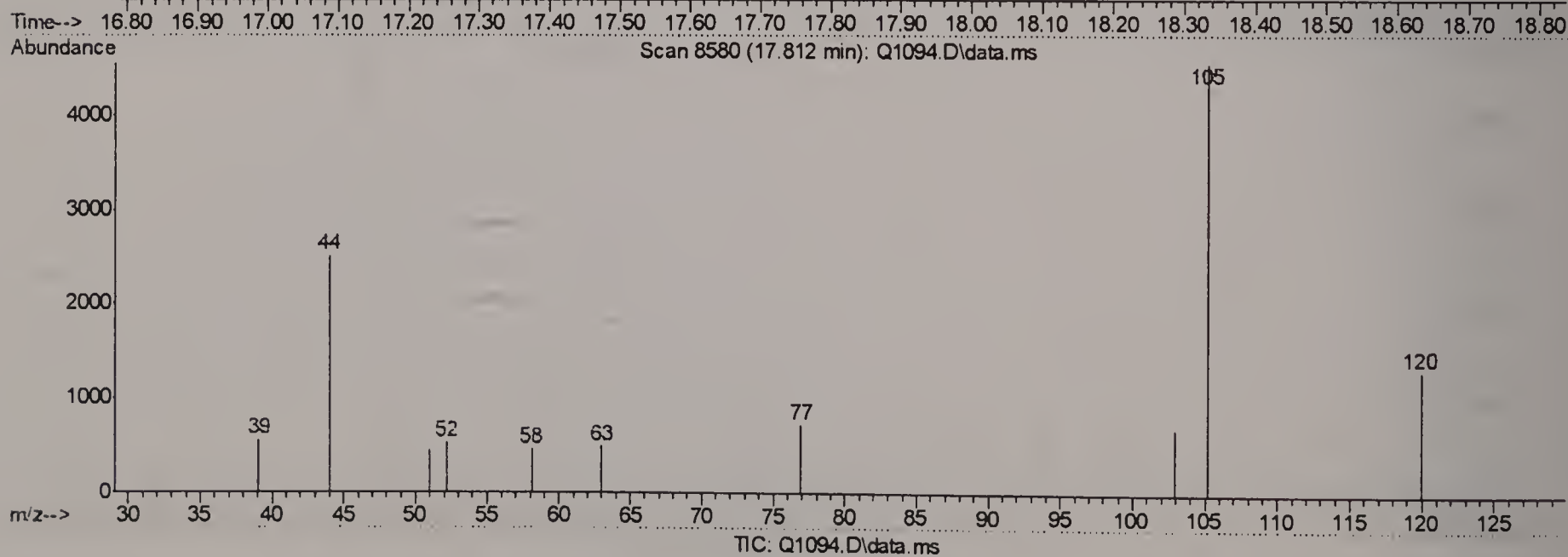
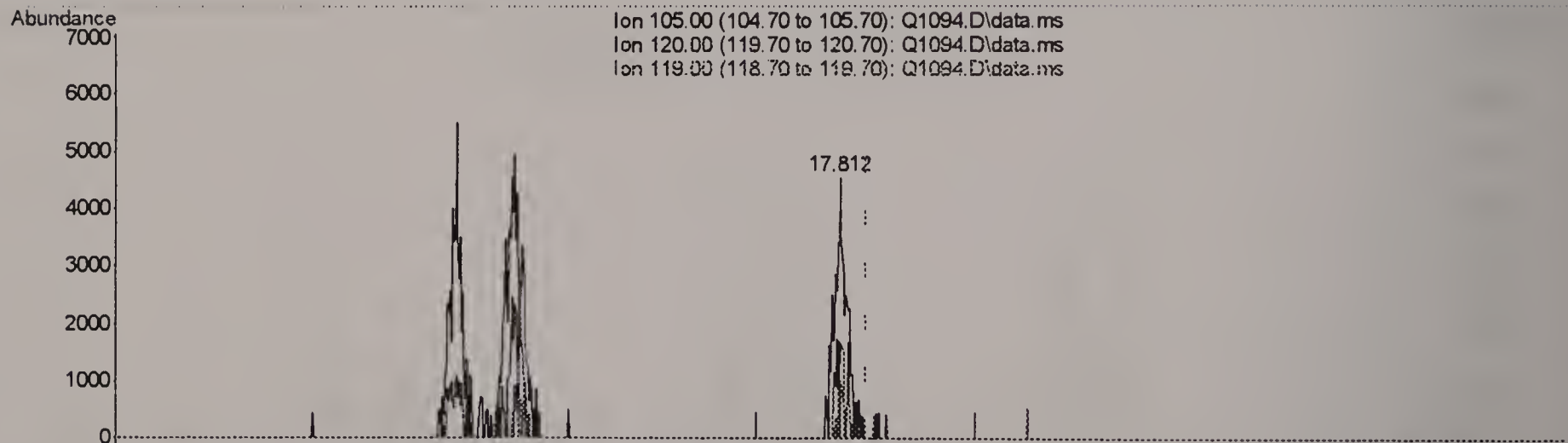
response 5516

Ion	Exp%	Act%
105.00	100	100
120.00	42.70	21.59#
119.00	10.70	3.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.812min (-0.039) 0.13PPBV m

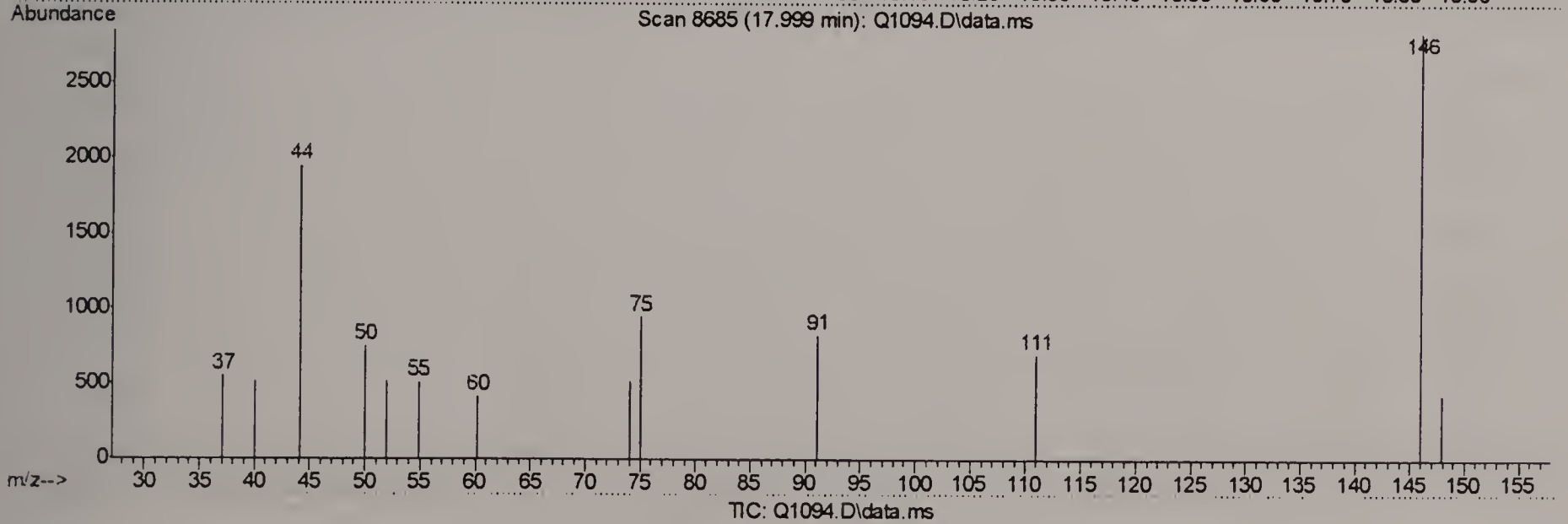
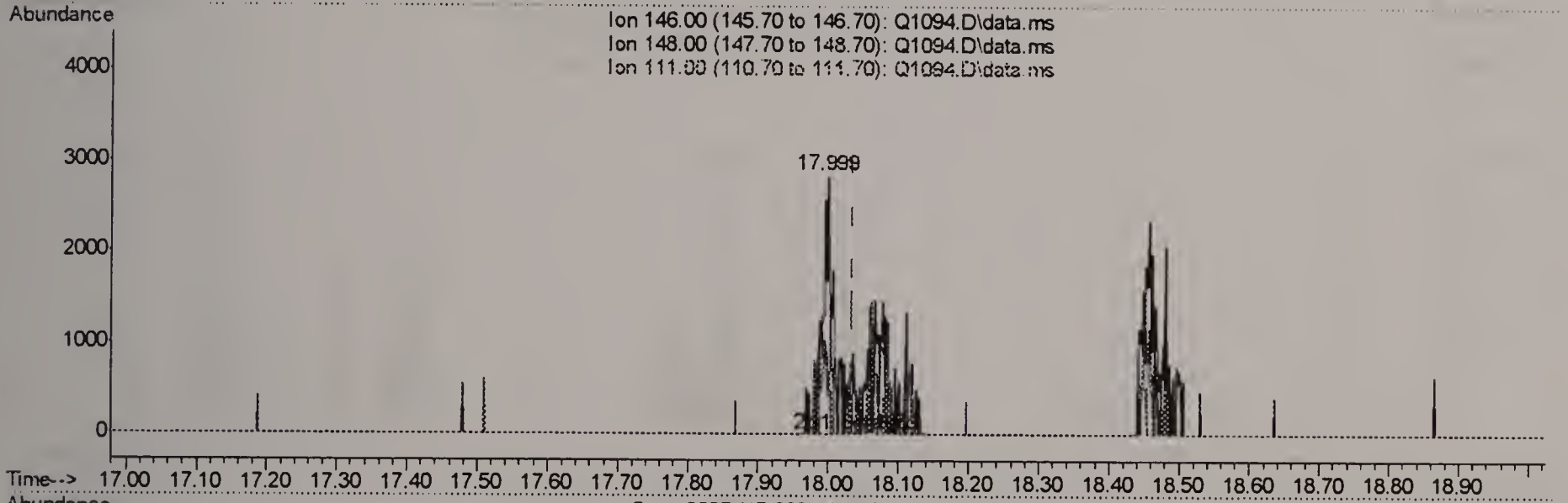
response 5681

Ion	Exp%	Act%
105.00	100	100
120.00	42.70	20.96#
119.00	10.70	3.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.15PPBV

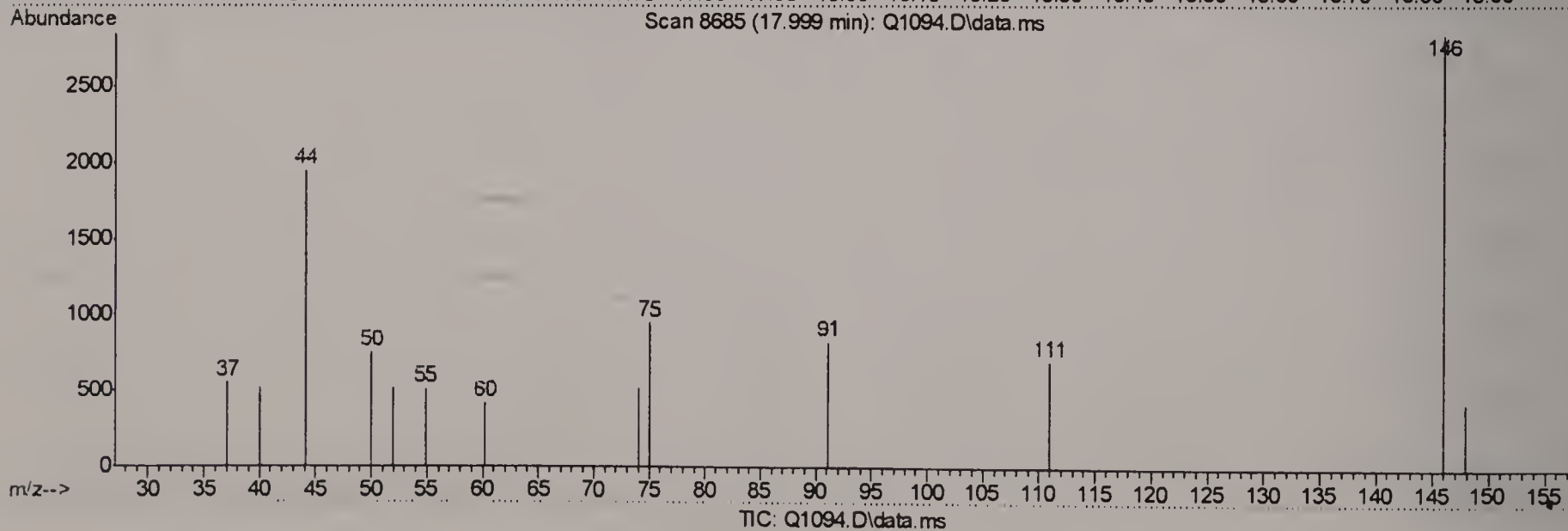
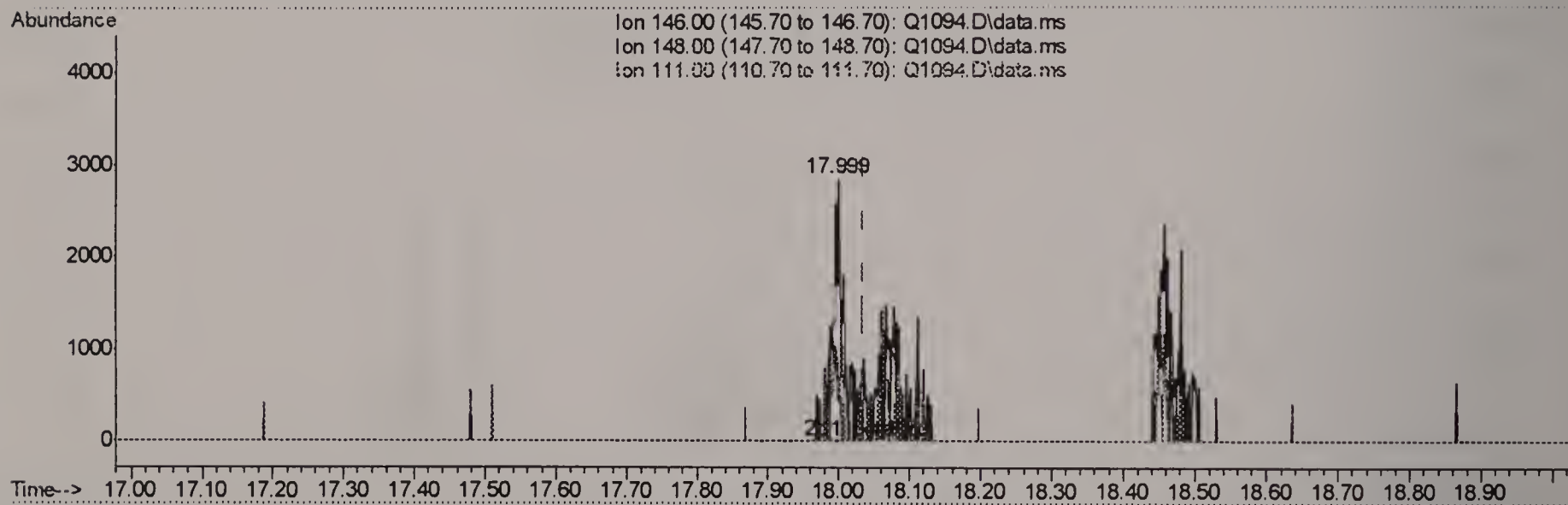
response 2800

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	52.46
111.00	44.00	27.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.18PPBV m

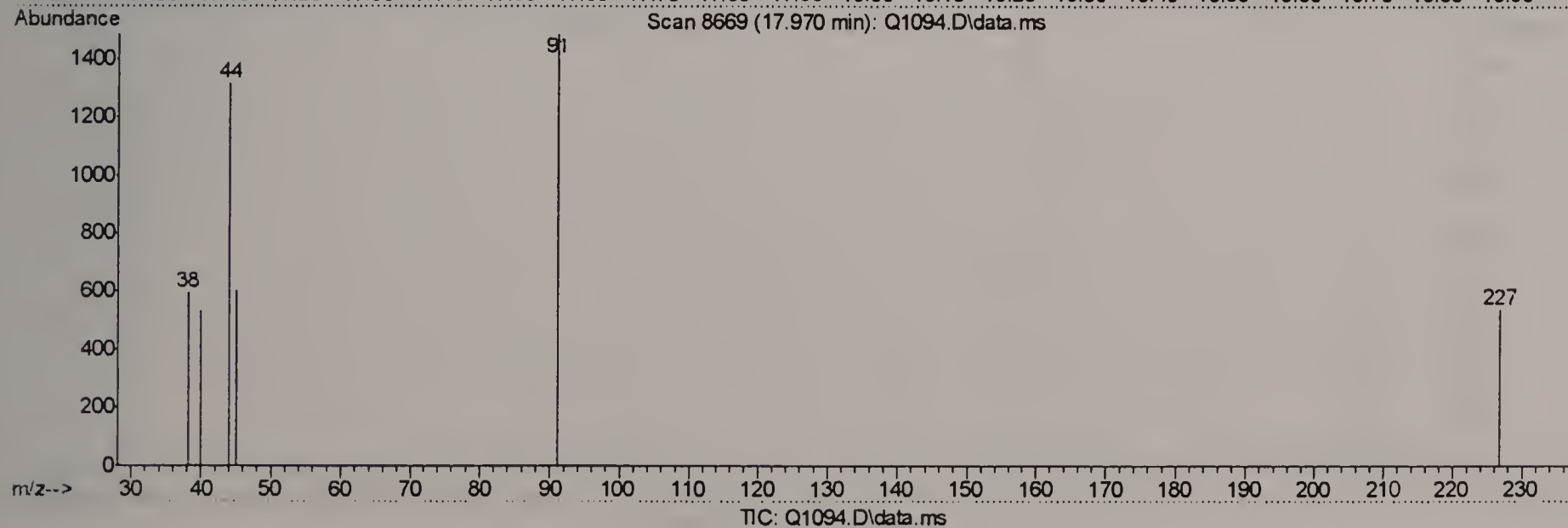
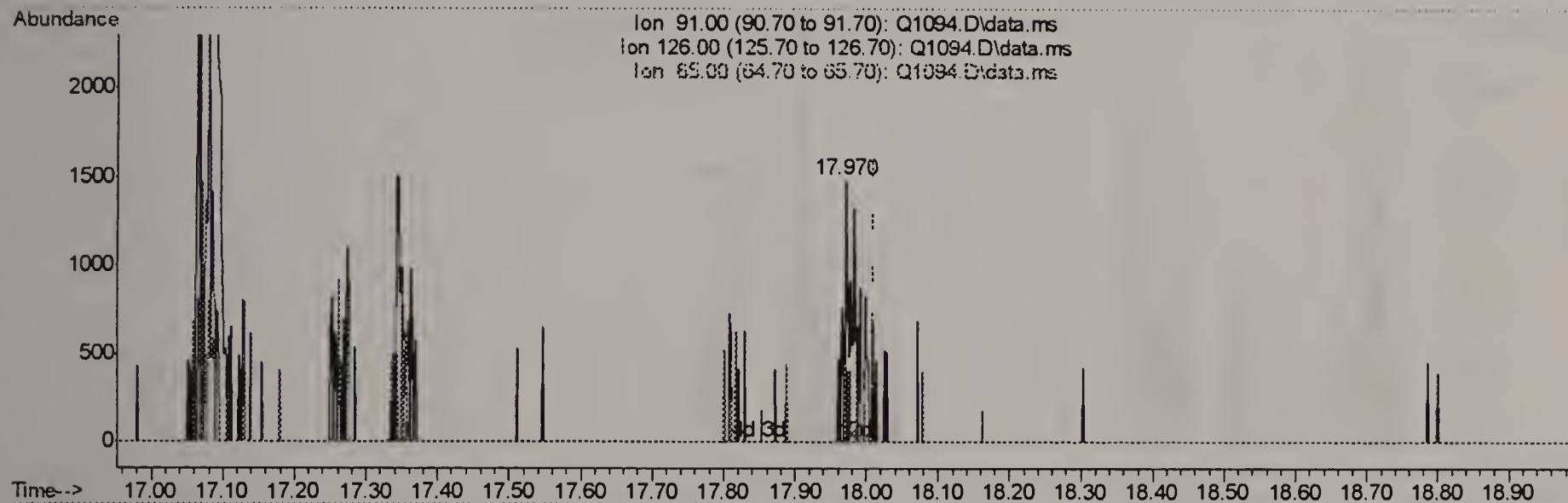
response 3260

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	45.06
111.00	44.00	23.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.970min (-0.039) 0.05PPBV

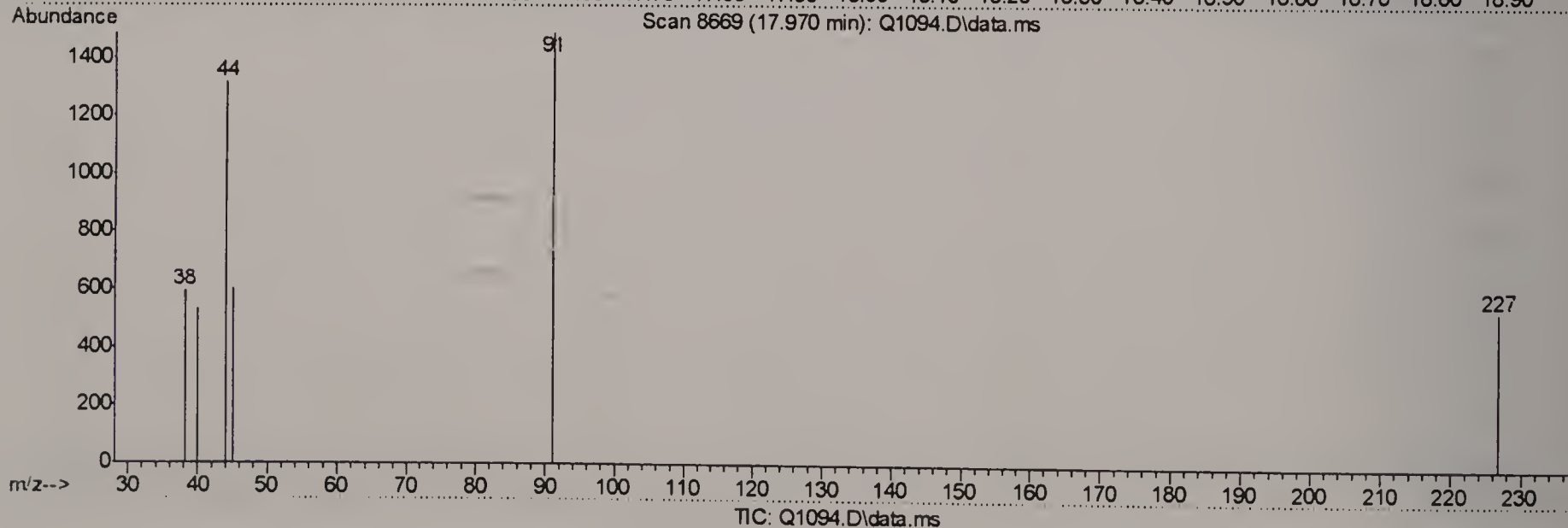
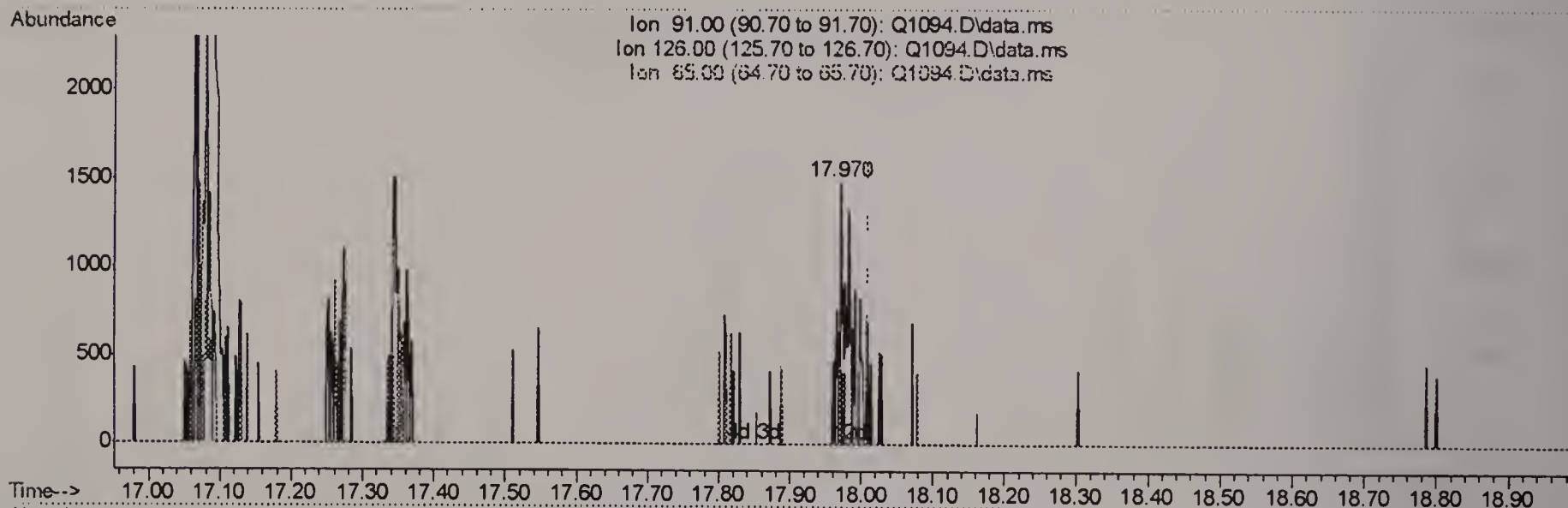
response 1035

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.970min (-0.039) 0.08PPBV m

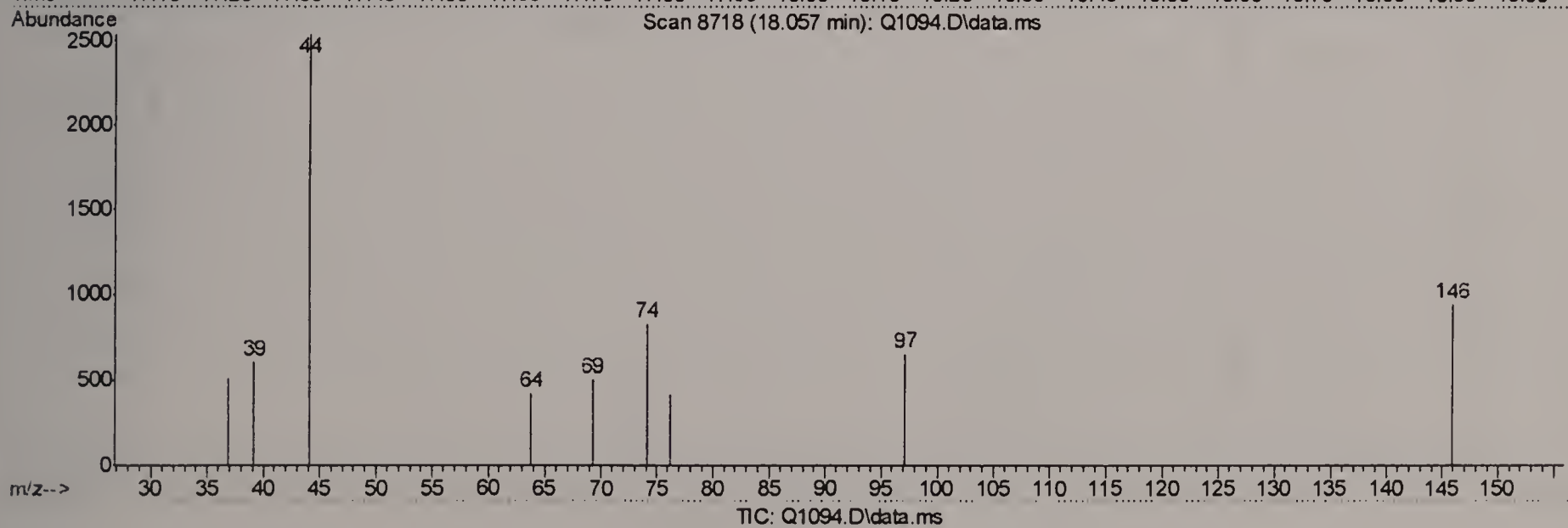
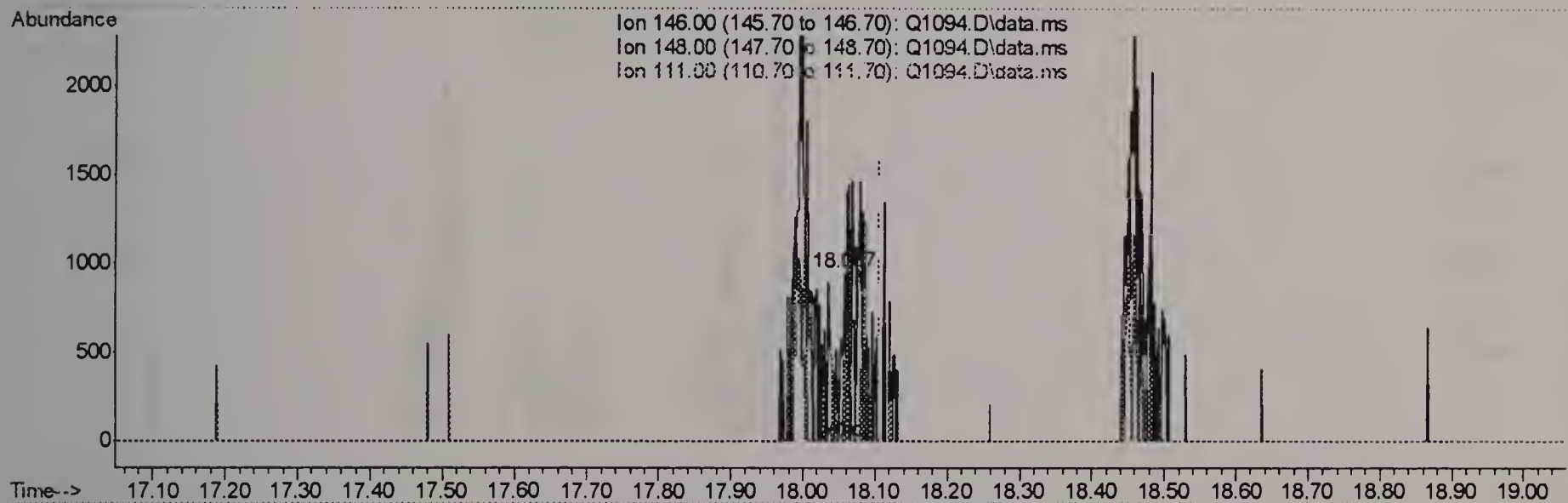
response 1650

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.057min (-0.050) 0.02PPBV

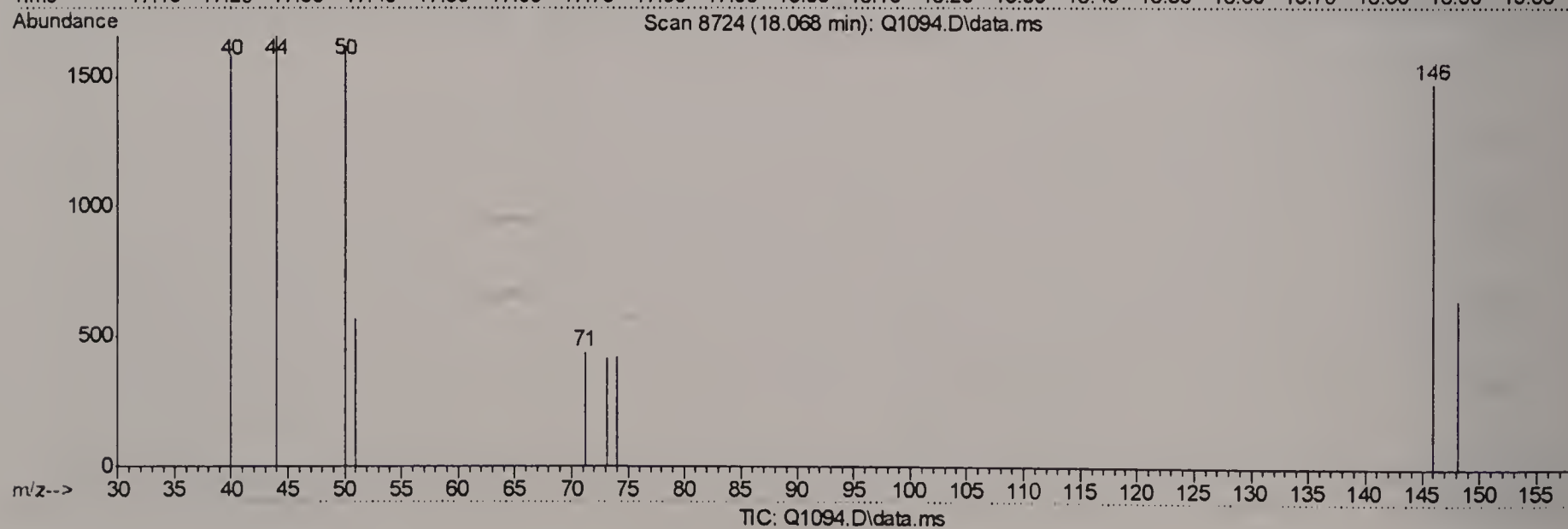
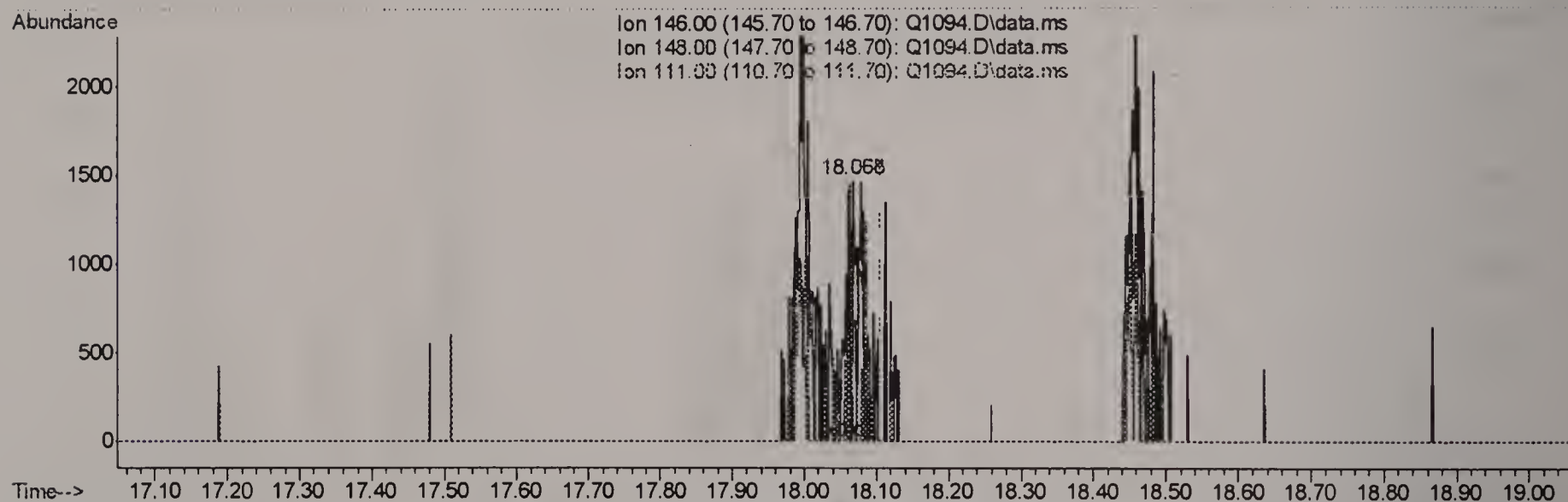
response 319

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	0.00#
111.00	42.40	16.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.14PPBV m

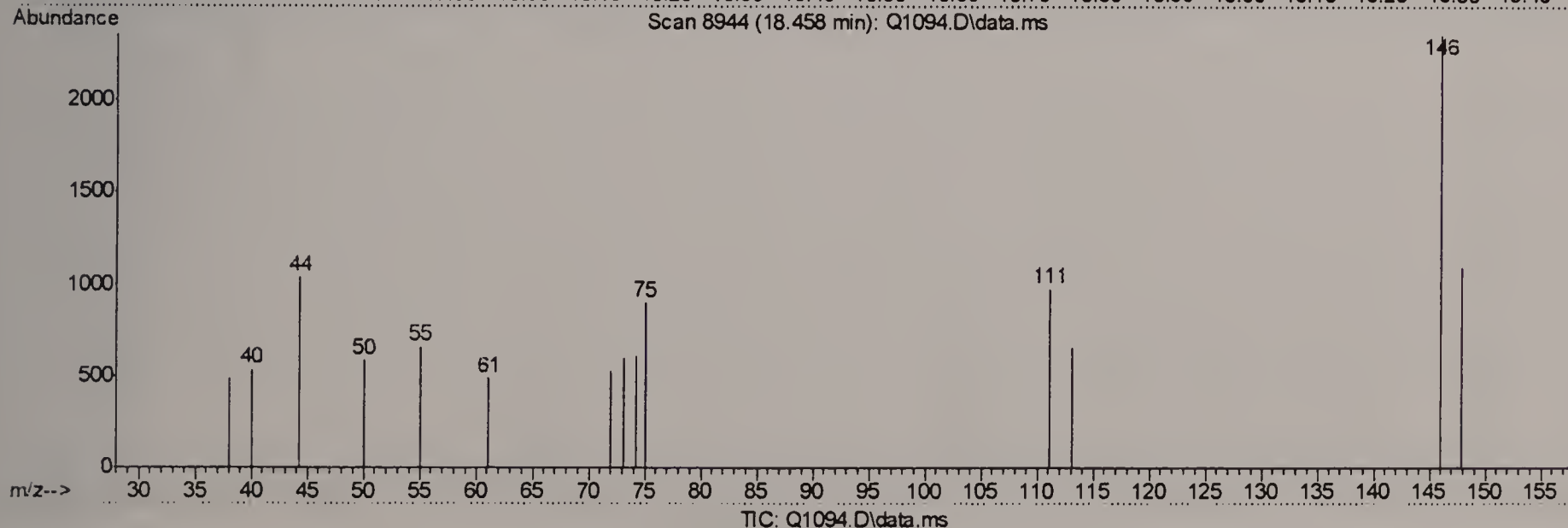
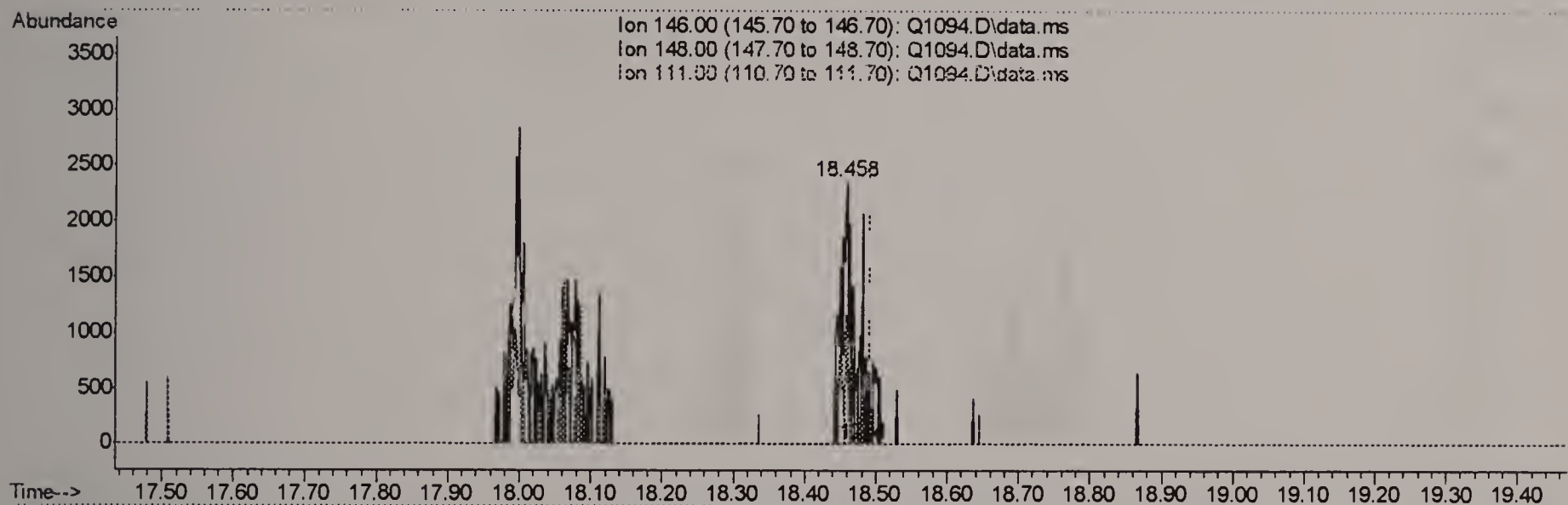
response 2584

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	0.00#
111.00	42.40	2.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.458min (-0.034) 0.13PPBV

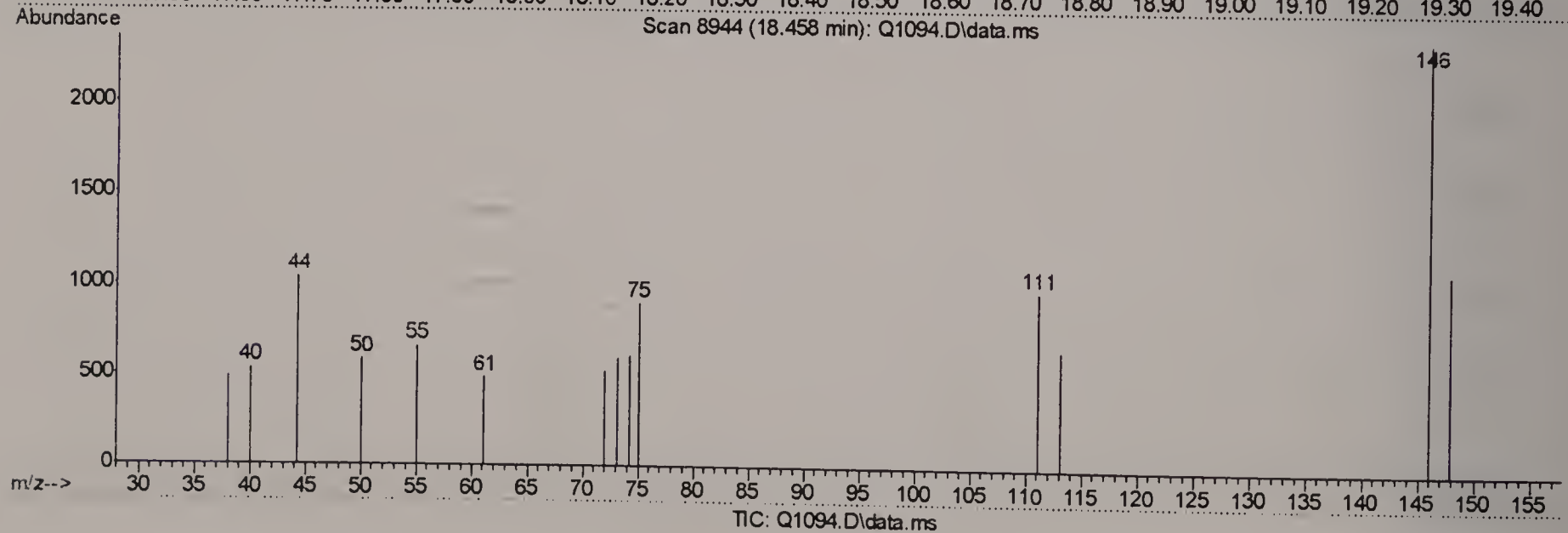
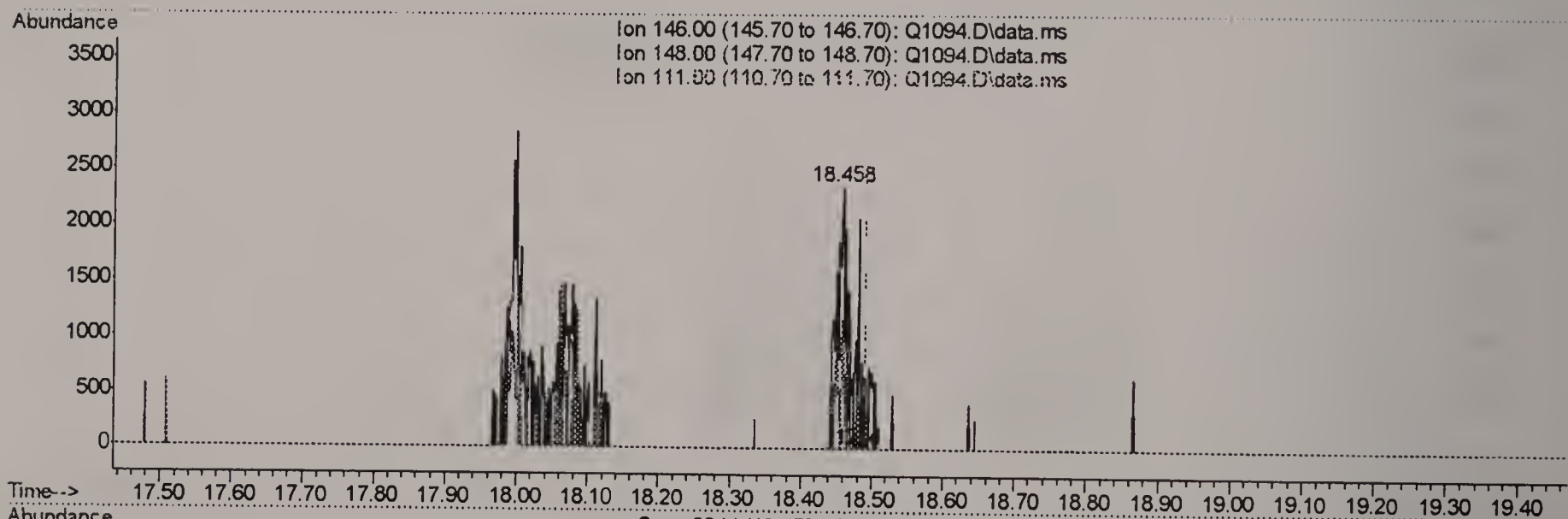
response. 2389

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	50.69
111.00	45.70	30.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.458min (-0.034) 0.19PPBV m

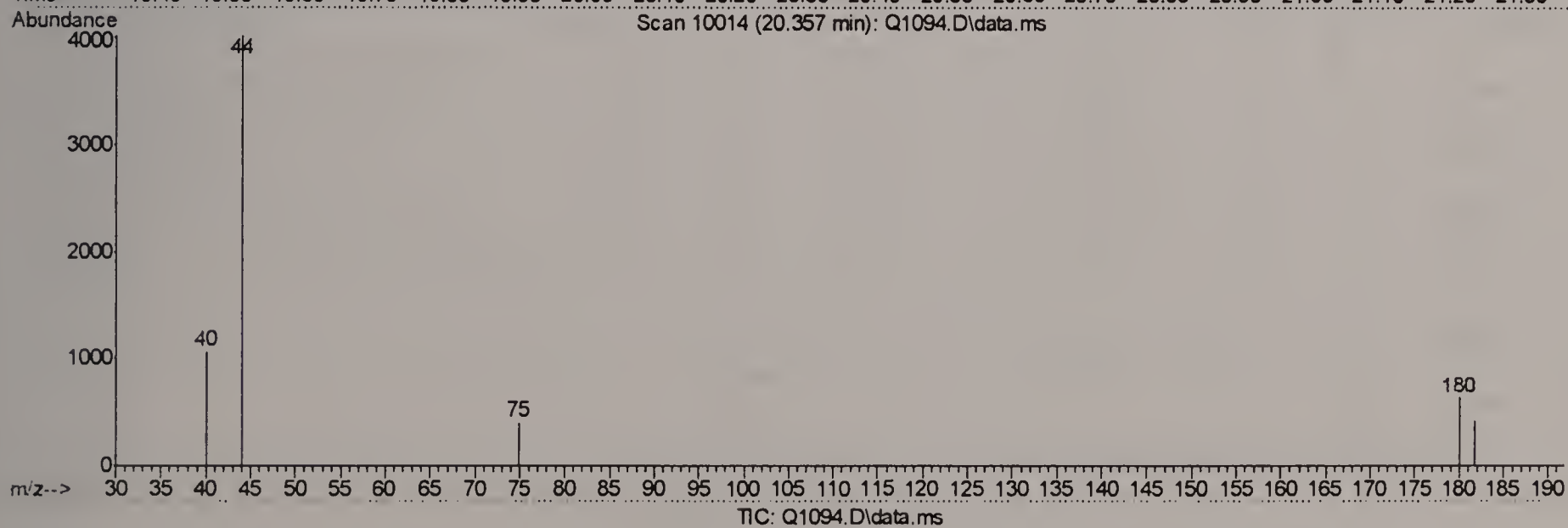
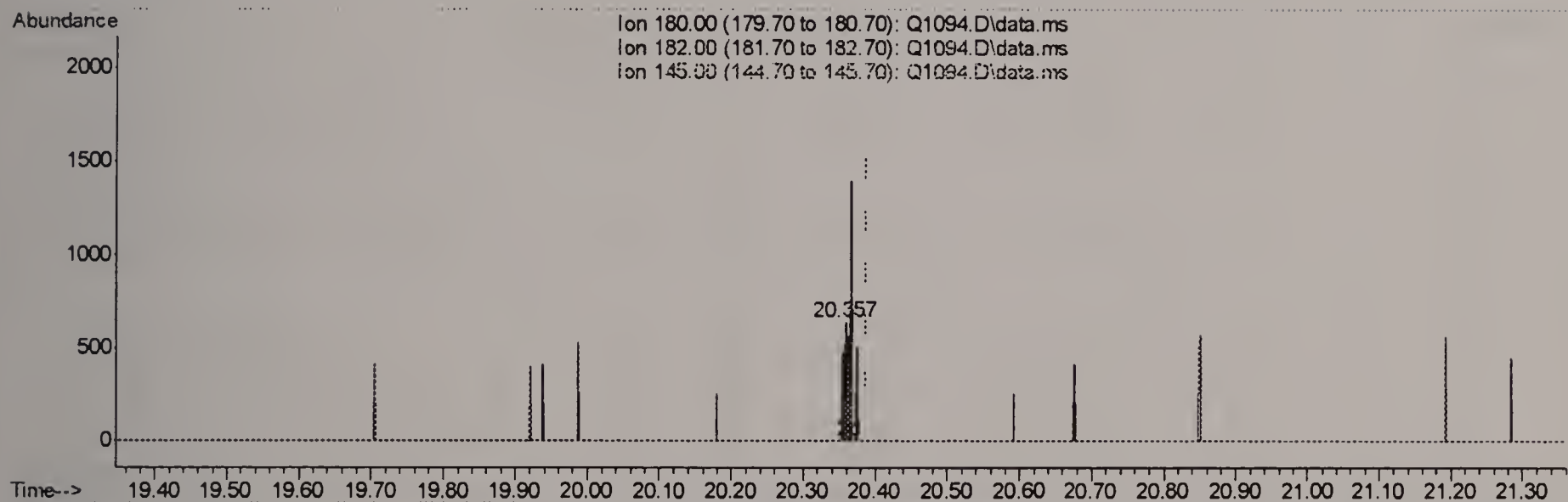
response 3552

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	34.09#
111.00	45.70	20.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(73) 1,2,4-TRICHLOROBENZENE (m)

20.357min (-0.030) 0.04PPBV

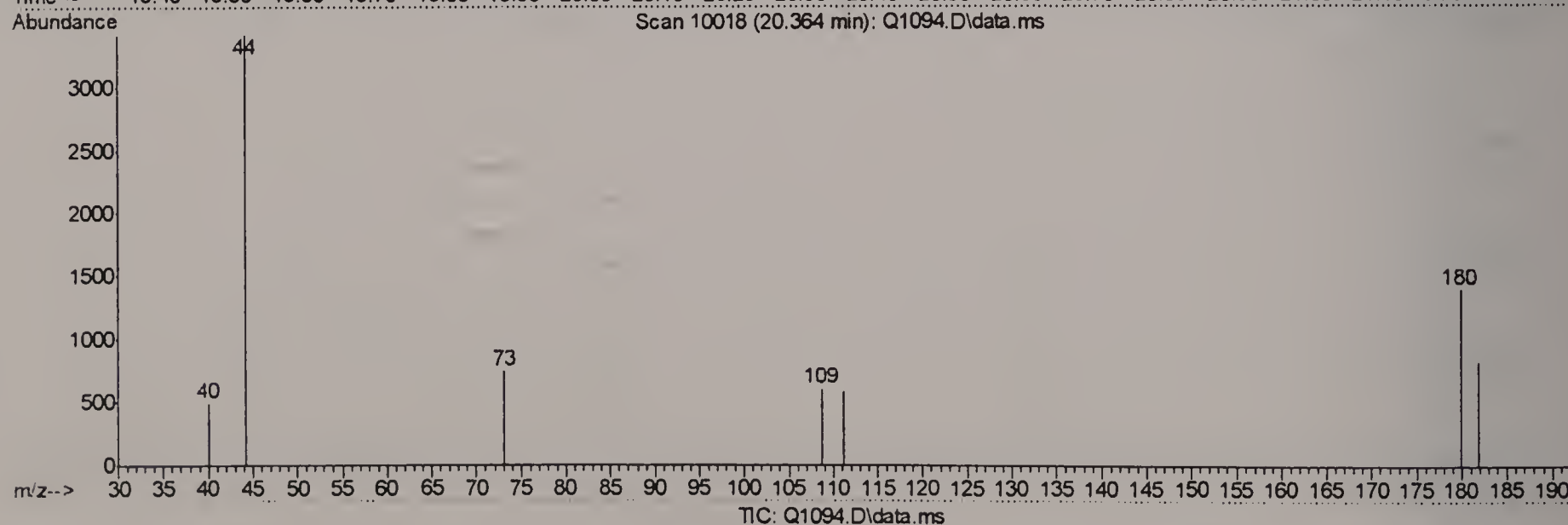
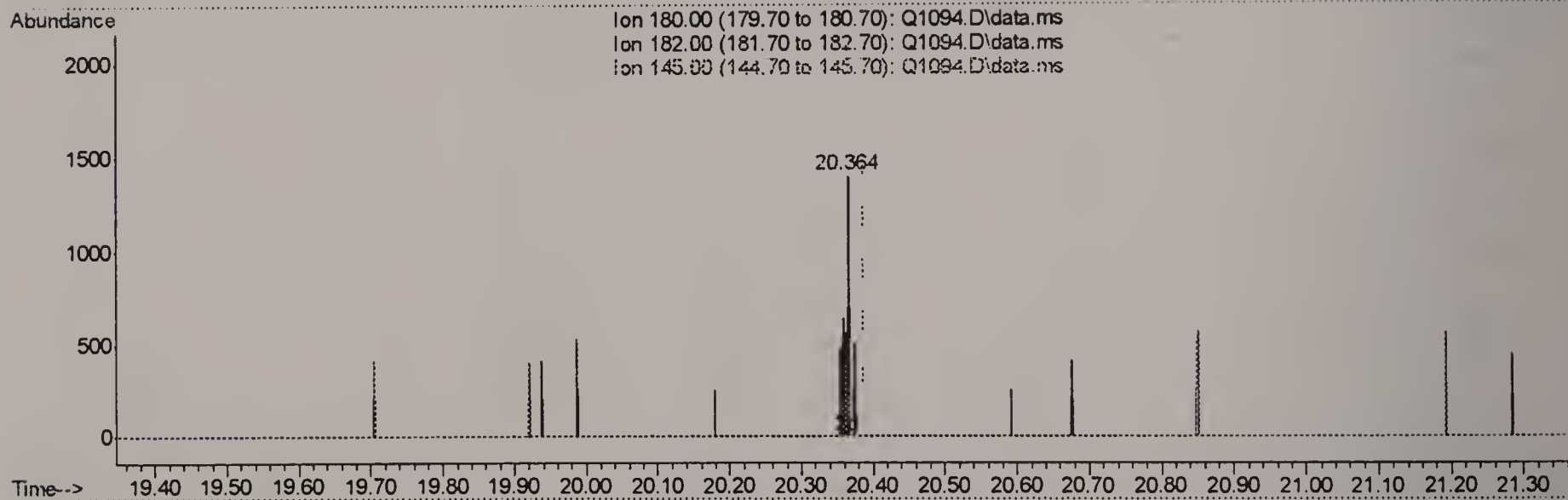
response 118

Ion	Exp%	Act%
180.00	100	100
182.00	97.20	0.00#
145.00	30.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1094.D
 Acq On : 18 Jul 2006 7:11 pm
 Operator : DougY
 Sample : IC57-.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:11:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



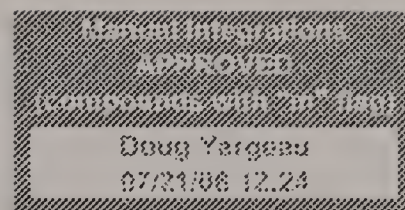
(73) 1,2,4-TRICHLOROBENZENE (m)

20.364min (-0.023) 0.12PPBV m

response 321

Ion	Exp%	Act%
180.00	100	100
182.00	97.20	0.00#
145.00	30.90	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1095.D
 Acq On : 18 Jul 2006 8:00 pm
 Operator : DougY
 Sample : IC57-.2 (M050)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 08:04:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.697	128	183451	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.520	114	685921	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.767	117	489117	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.389	95	156286	4.58	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	91.60%

Target Compounds

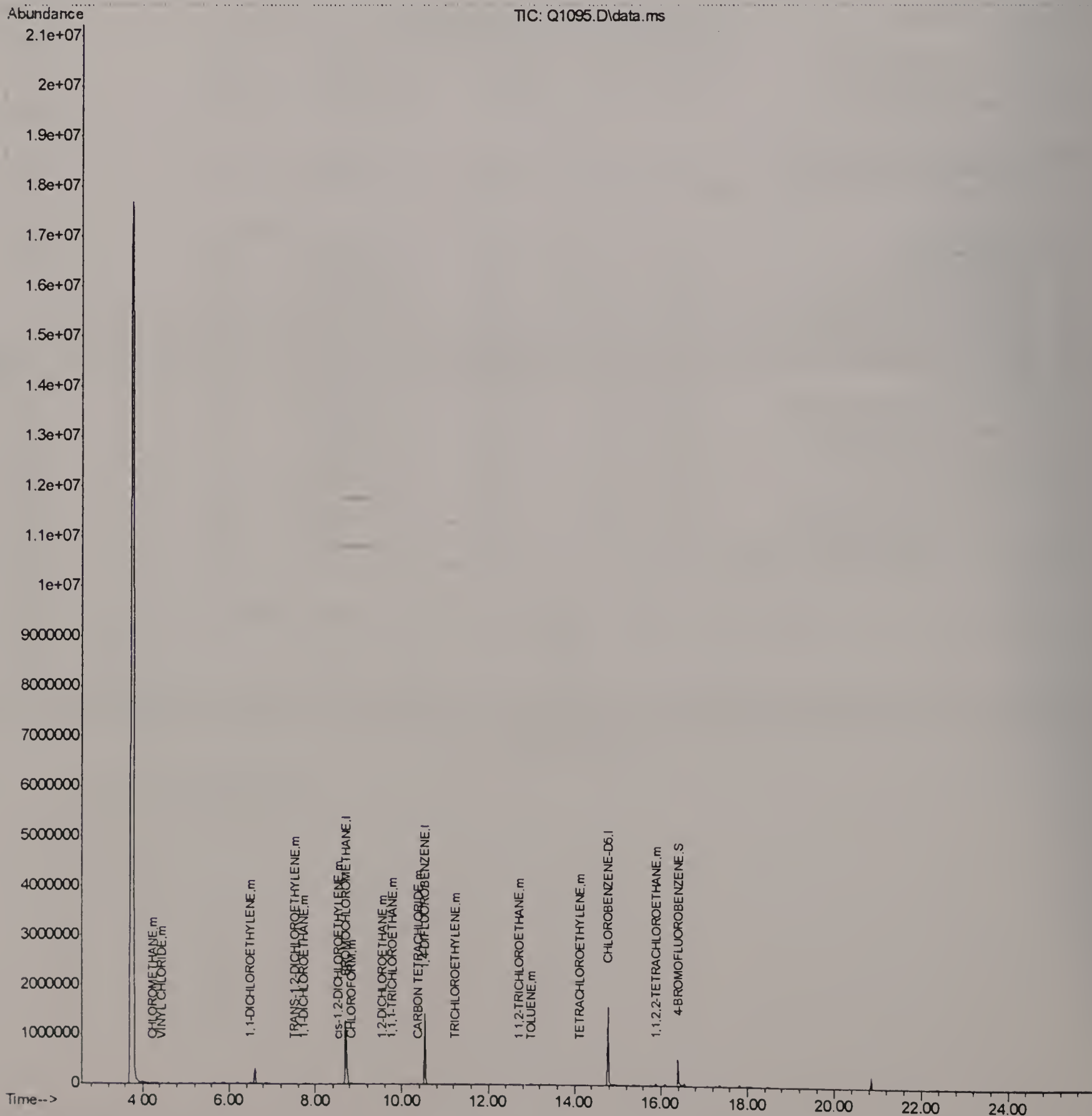
						Qvalue
5) CHLOROMETHANE	4.225	50	10339	0.18	PPBV	64
6) VINYL CHLORIDE	4.450	62	5077	0.10	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.475	96	3474	0.10	PPBV #	44
21) TRANS-1,2-DICHLOROETHY...	7.521	96	3194	0.10	PPBV #	40
27) 1,1-DICHLOROETHANE	7.721	63	11428	0.16	PPBV	89
29) cis-1,2-DICHLOROETHYLENE	8.514	96	4029m	0.13	PPBV	
31) CHLOROFORM	8.816	83	14763	0.19	PPBV #	64
32) 1,1,1-TRICHLOROETHANE	9.775	97	8780	0.12	PPBV #	79
33) CARBON TETRACHLORIDE	10.357	117	9533	0.13	PPBV	93
34) 1,2-DICHLOROETHANE	9.528	62	6995	0.14	PPBV	75
38) TRICHLOROETHYLENE	11.212	95	3811m	0.12	PPBV	
46) TOLUENE	12.987	92	5296	0.14	PPBV #	85
48) 1,1,2-TRICHLOROETHANE	12.714	83	3791	0.19	PPBV #	82
51) TETRACHLOROETHYLENE	14.126	164	2130	0.11	PPBV #	65
62) 1,1,2,2-TETRACHLOROETHANE	15.878	83	20706	0.58	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1095.D
 Acq On : 18 Jul 2006 8:00 pm
 Operator : DougY
 Sample : IC57-.2 (M050)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

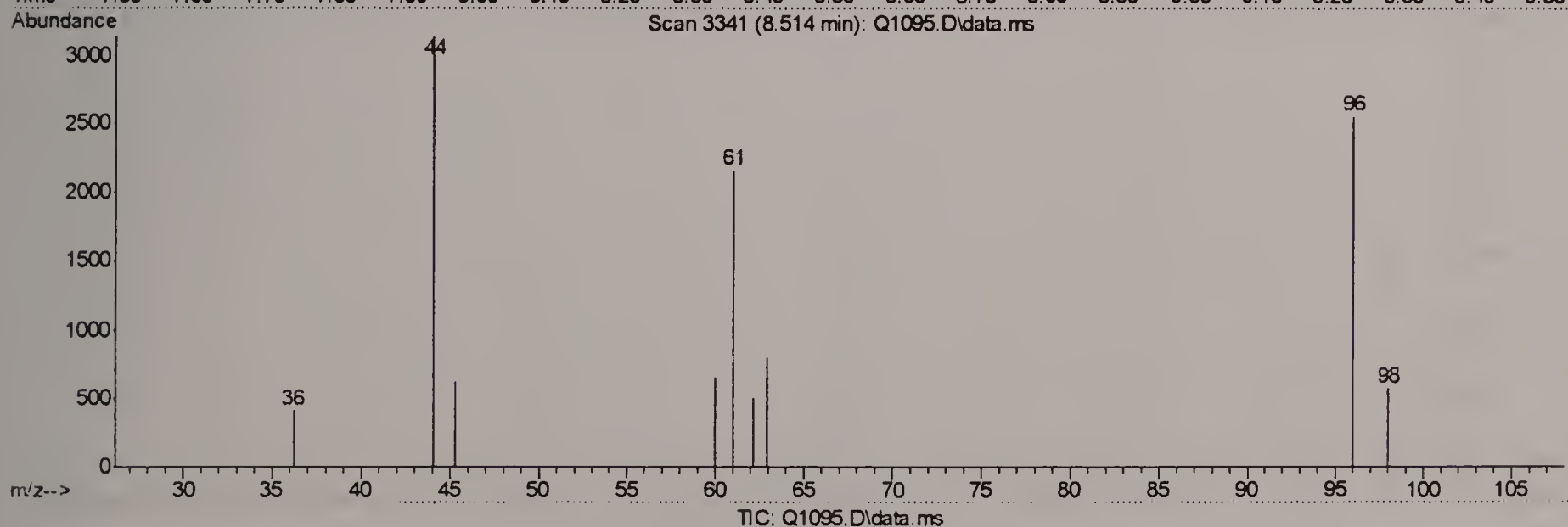
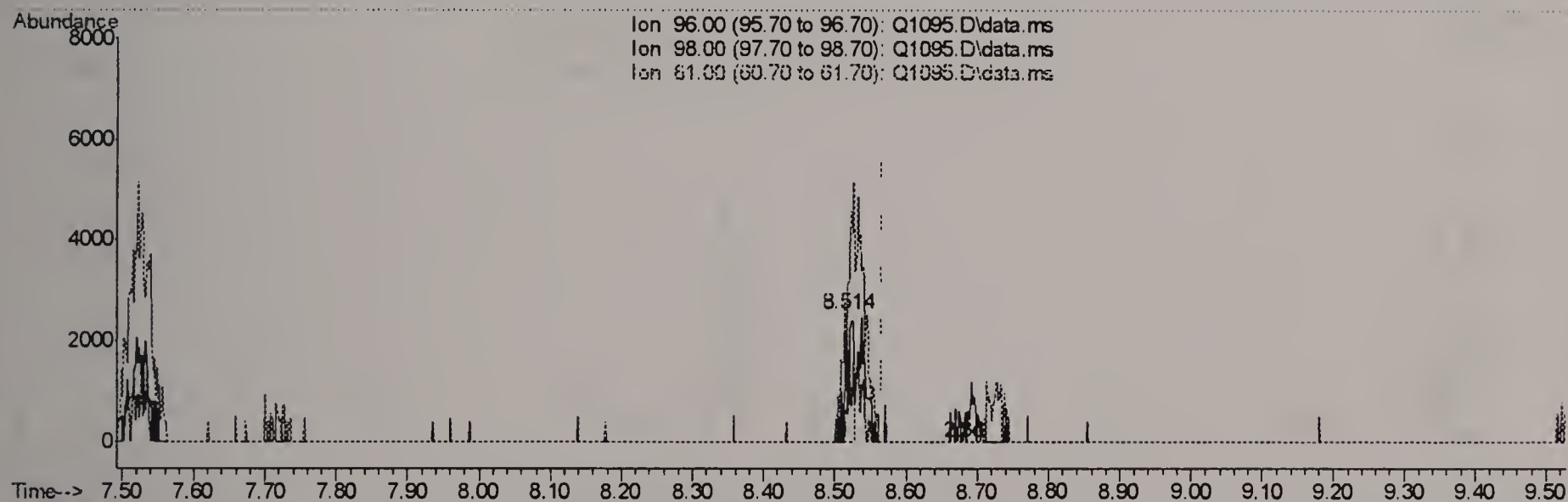
Quant Time: Jul 19 08:04:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1095.D
 Acq On : 18 Jul 2006 8:00 pm
 Operator : DougY
 Sample : IC57-.2 (M050)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 07:11:58 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(29) cis-1,2-DICHLOROETHYLENE (m)

8.514min (-0.052) 0.07PPBV

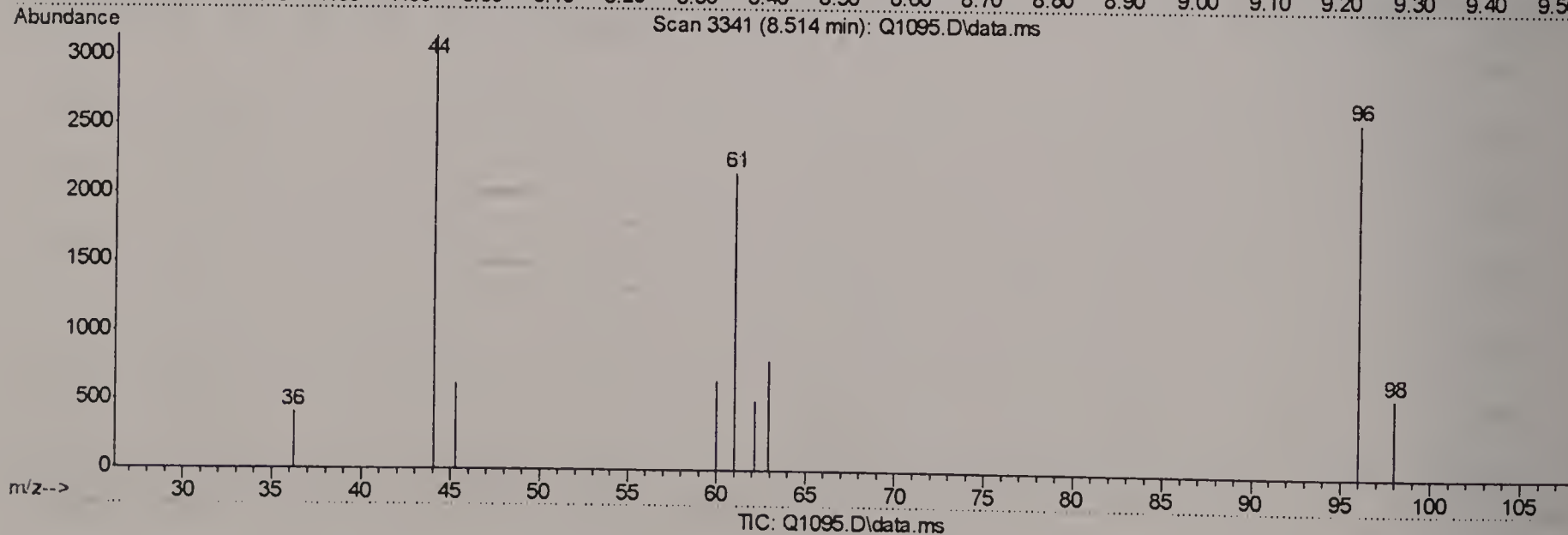
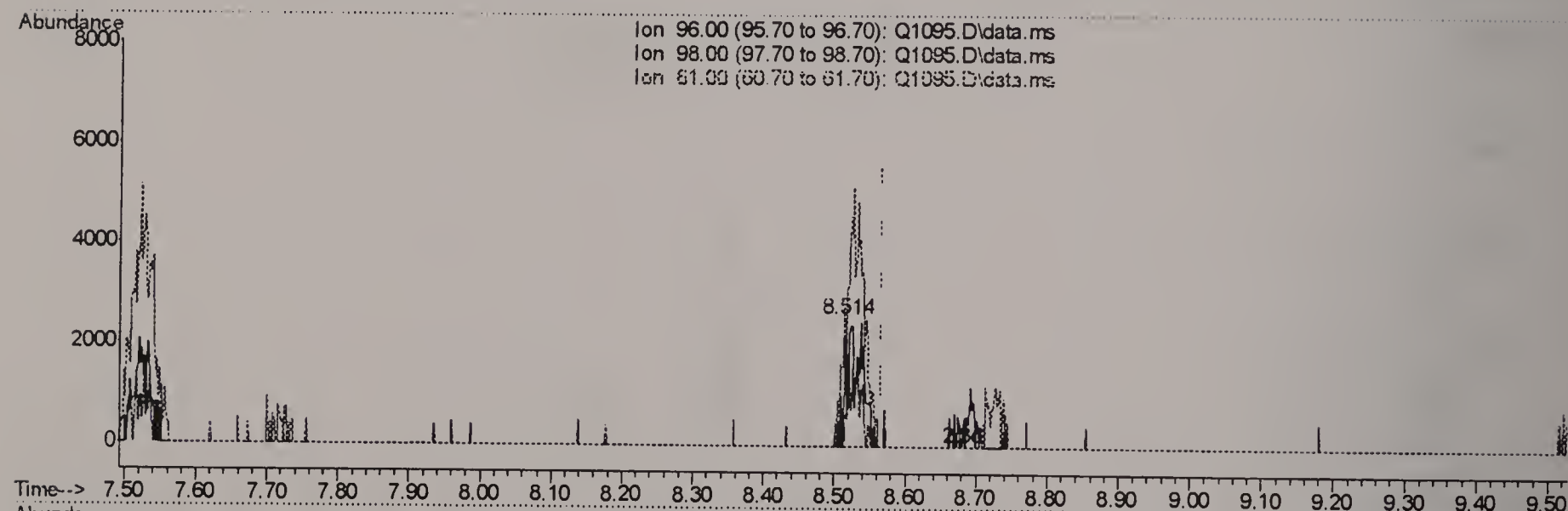
response 2014

Ion	Exp%	Act%
96.00	100	100
98.00	63.50	2.58#
61.00	178.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1095.D
 Acq On : 18 Jul 2006 8:00 pm
 Operator : DougY
 Sample : IC57-.2 (M050)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 07:11:58 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(29) cis-1,2-DICHLOROETHYLENE (m)

8.514min (-0.052) 0.13PPBV m

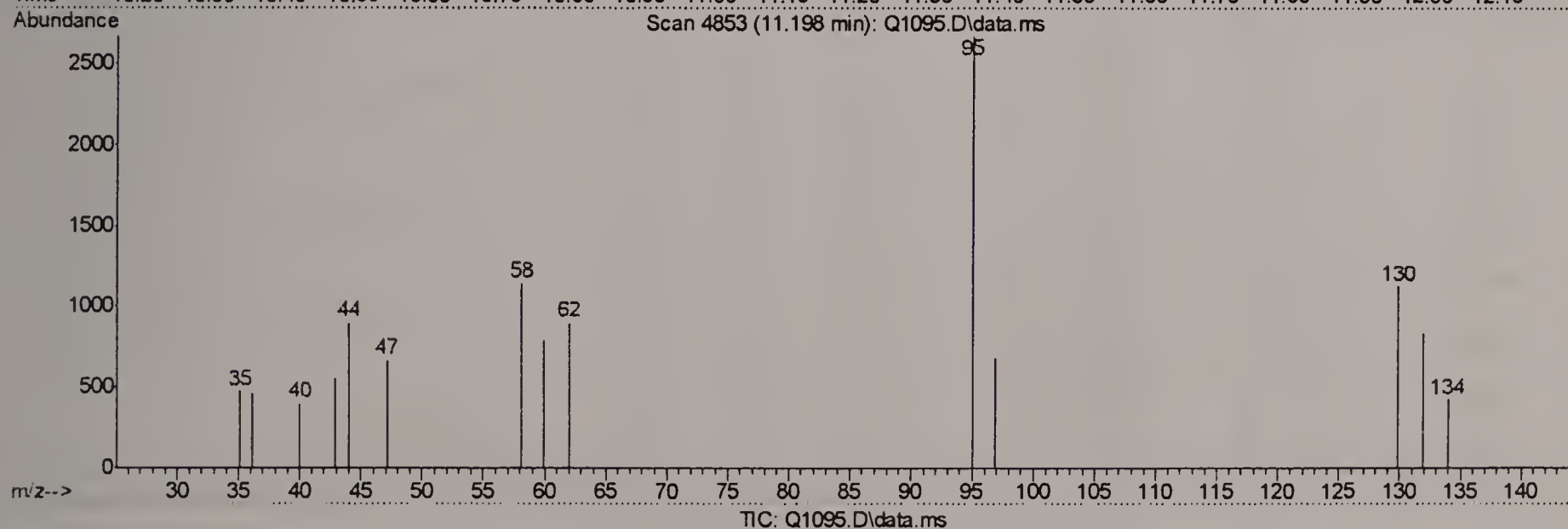
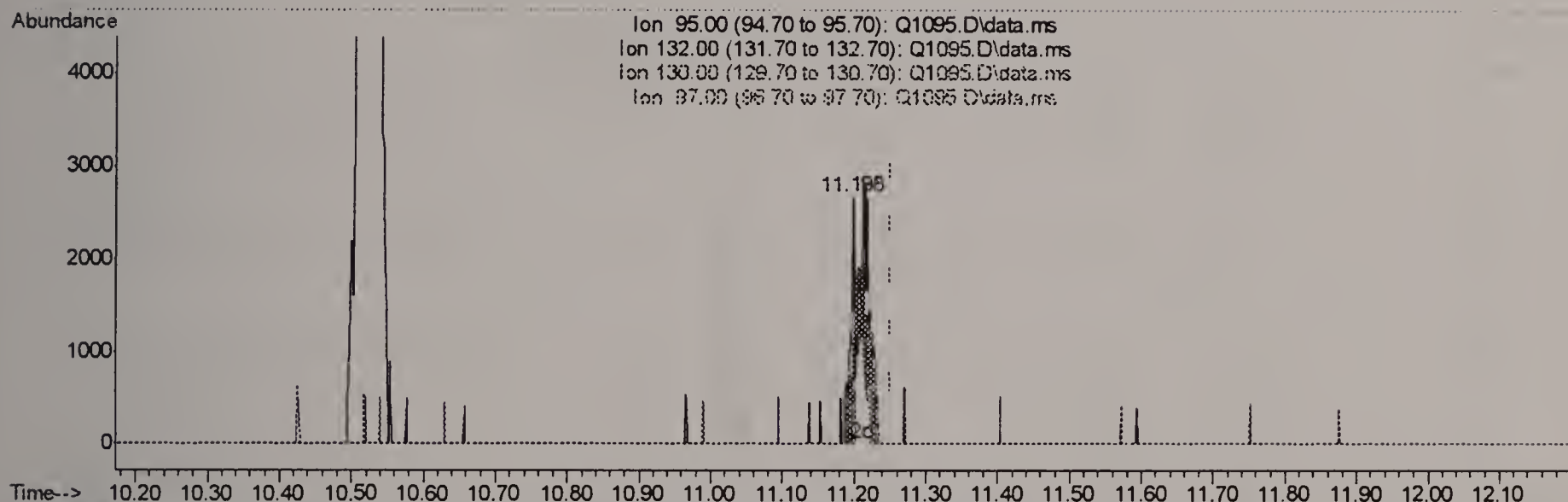
response 4029

Ion	Exp%	Act%
96.00	100	100
98.00	63.50	1.29#
61.00	178.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1095.D
 Acq On : 18 Jul 2006 8:00 pm
 Operator : DougY
 Sample : IC57-.2 (M050)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 07:11:58 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(38) TRICHLOROETHYLENE (m)

11.198min (-0.053) 0.04PPBV

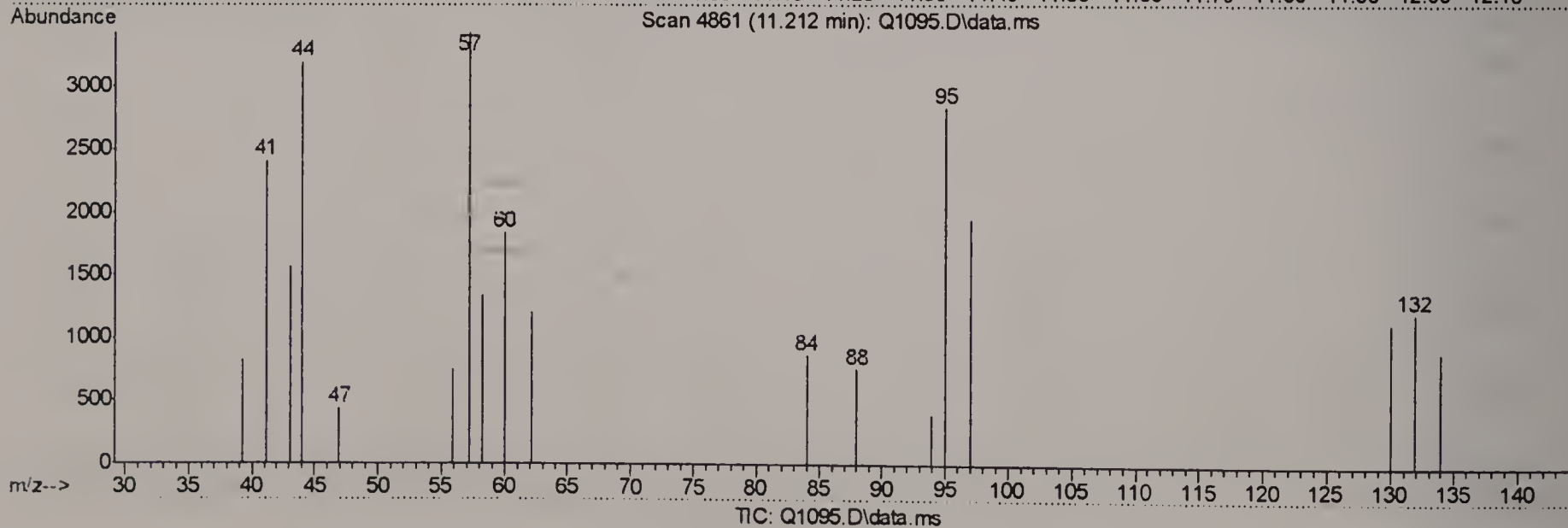
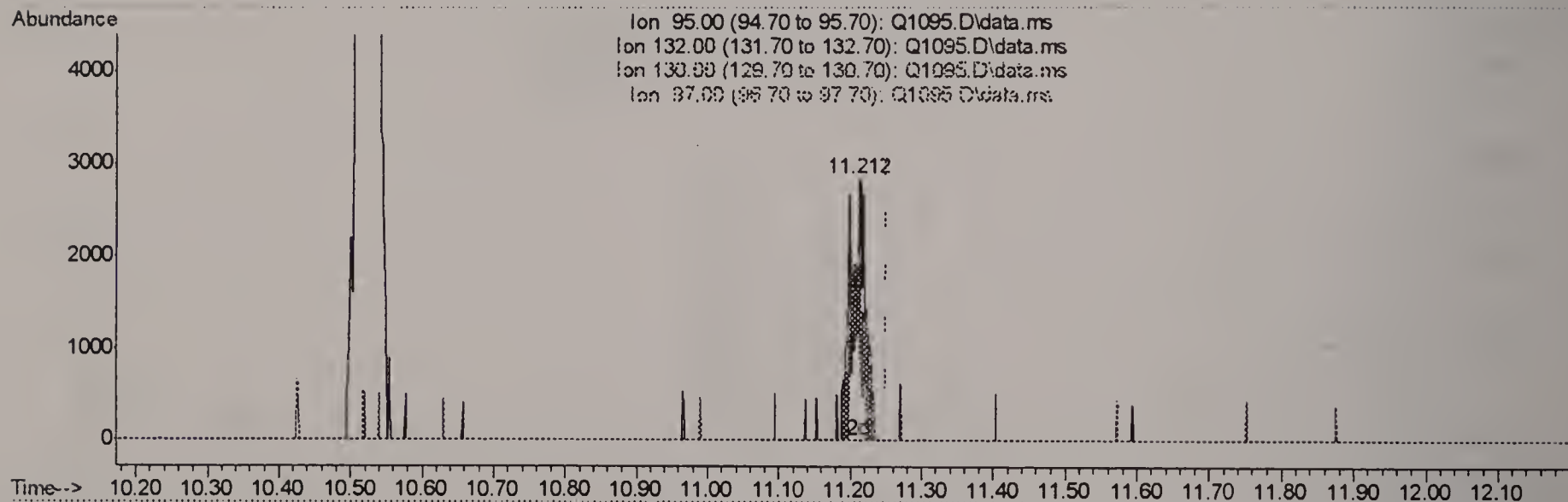
response 1129

Ion	Exp%	Act%
95.00	100	100
132.00	81.00	174.93#
130.00	80.30	0.00#
97.00	63.70	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1095.D
 Acq On : 18 Jul 2006 8:00 pm
 Operator : DougY
 Sample : IC57-.2 (M050)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 19 07:11:58 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



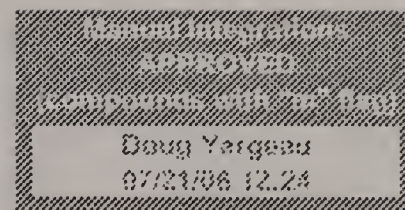
(38) TRICHLOROETHYLENE (m)

11.212min (-0.039) 0.12PPBV m

response . 3811

Ion	Exp%	Act%
95.00	100	100
132.00	81.00	51.82#
130.00	80.30	0.00#
97.00	63.70	0.00#

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1096.D
 Acq On : 18 Jul 2006 8:48 pm
 Operator : DougY
 Sample : IC57-7.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:56:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.690	128	187902	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.523	114	754333	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.770	117	598047	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.389	95	242874	5.83	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	116.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.061	85	851020	6.14	PPBV	95
3) PROPYLENE	3.987	41	302365	6.63	PPBV	96
4) FREON 114	4.324	85	738699	5.48	PPBV	87
5) CHLOROMETHANE	4.223	50	381715	6.63	PPBV	98
6) VINYL CHLORIDE	4.448	62	274536	5.24	PPBV	98
7) 1,3-BUTADIENE	4.587	39	352016	7.38	PPBV	83
8) BROMOMETHANE	4.869	94	194183	4.78	PPBV	99
9) CHLOROETHANE	5.048	64	117311	5.39	PPBV	90
10) TRICHLOROFLUOROMETHANE	5.836	101	880723	6.69	PPBV	99
11) ISOPROPYL ALCOHOL	5.863	45	497850	6.20	PPBV	85
12) ACETONE	5.637	43	582490	6.95	PPBV	87
13) PENTANE	6.191	42	388936	6.89	PPBV	93
14) 1,1-DICHLOROETHYLENE	6.482	96	162917	4.42	PPBV #	27
15) CARBON DISULFIDE	6.914	76	518315	5.50	PPBV	77
16) ETHANOL	5.130	45	107799	6.81	PPBV	95
17) BROMOETHENE	5.410	106	155952	4.27	PPBV #	91
18) METHYLENE CHLORIDE	6.587	84	167774	4.49	PPBV	38
19) 3-CHLOROPROPENE	6.711	39	348308	8.52	PPBV	84
20) FREON 113	6.848	151	261257	4.52	PPBV #	62
21) TRANS-1,2-DICHLOROETHY...	7.520	96	154270	4.60	PPBV #	53
22) TERTIARY BUTYL ALCOHOL	6.477	59	461969	6.20	PPBV	78
23) METHYL TERTIARY BUTYL ...	7.764	73	479290	5.45	PPBV	84
24) TETRAHYDROFURAN	9.199	42	290949	6.24	PPBV	81
25) HEXANE	8.729	57	394976	7.00	PPBV	86
26) VINYL ACETATE	7.842	43	265460	2.77	PPBV	89
27) 1,1-DICHLOROETHANE	7.723	63	517338	6.95	PPBV	98
28) METHYL ETHYL KETONE	8.087	43	579783	7.64	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.529	96	161597	5.24	PPBV #	63
30) ETHYL ACETATE	8.720	43	847893	8.73	PPBV	99
31) CHLOROFORM	8.809	83	565897	7.23	PPBV	94
32) 1,1,1-TRICHLOROETHANE	9.767	97	448326	6.22	PPBV	89
33) CARBON TETRACHLORIDE	10.355	117	491864	6.51	PPBV	100
34) 1,2-DICHLOROETHANE	9.526	62	326737	6.38	PPBV	99
36) BENZENE	10.213	78	425409	5.61	PPBV	90
37) CYCLOHEXANE	10.477	84	198077	5.51	PPBV #	79
38) TRICHLOROETHYLENE	11.207	95	224168	6.60	PPBV	86
39) 1,2-DICHLOROPROPANE	10.987	63	198836	6.11	PPBV	99
40) BROMODICHLOROMETHANE	11.169	83	384940	7.41	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.232	57	1439640	7.79	PPBV	98
42) 1,4-DIOXANE	11.192	88	69309	5.40	PPBV #	69
43) HEPTANE	11.468	43	632575	9.16	PPBV	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1096.D
Acq On : 18 Jul 2006 8:48 pm
Operator : DougY
Sample : IC57-7.5 (M016)
Misc : MS11802, MSQ57,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:56:50 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 13 12:10:08 2006
Response via : Initial Calibration

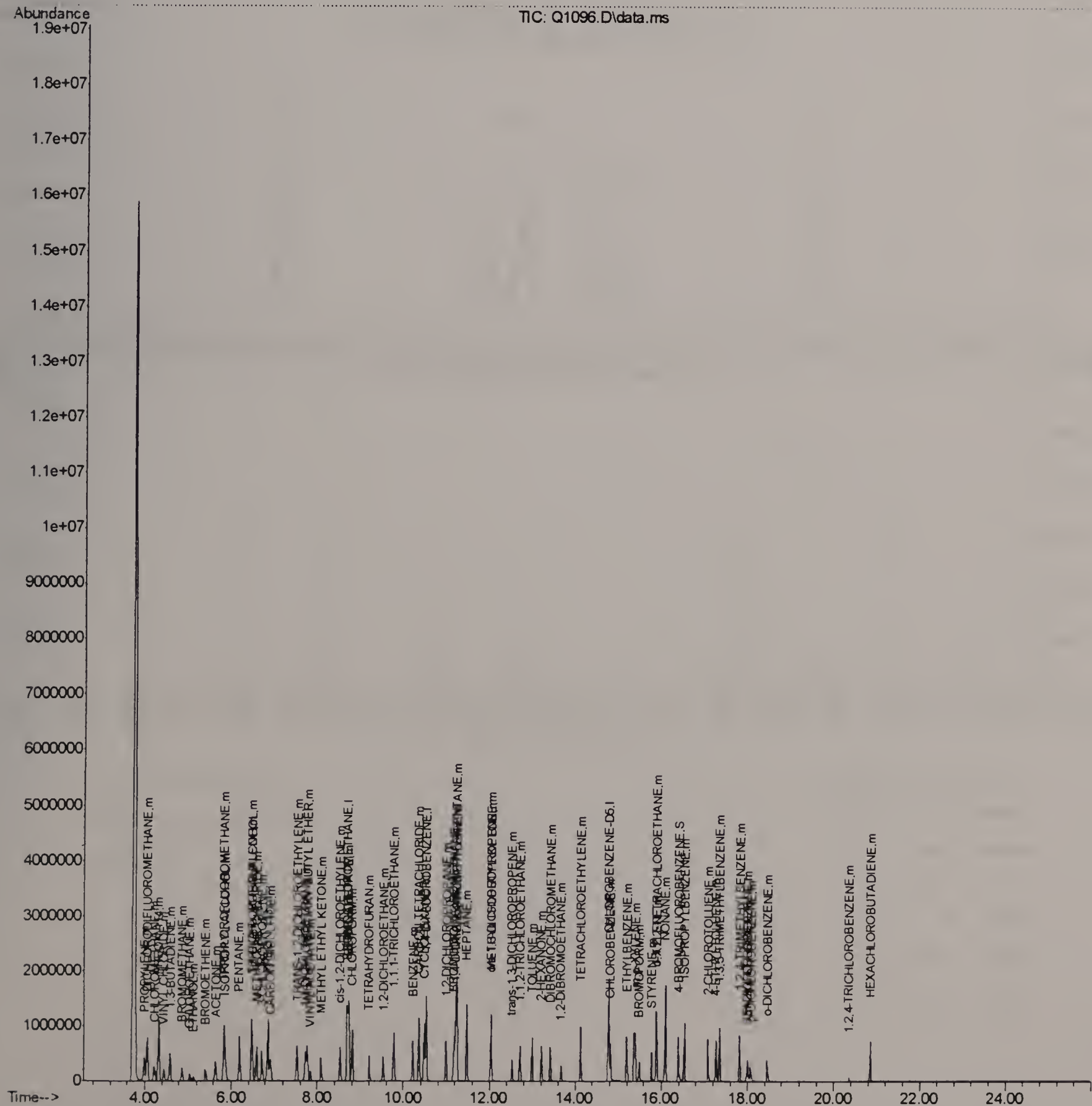
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.039	43	703213	9.61	PPBV	88
45) cis-1,3-DICHLOROPROPENE	12.023	75	204889	6.05	PPBV #	56
46) TOLUENE	12.987	92	215922	5.12	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.525	75	136938	5.33	PPBV #	78
48) 1,1,2-TRICHLOROETHANE	12.708	83	131050	5.90	PPBV	93
50) 2-HEXANONE	13.207	43	478372	8.30	PPBV	84
51) TETRACHLOROETHYLENE	14.119	164	116167	5.04	PPBV #	81
52) DIBROMOCHLOROMETHANE	13.413	129	210987	6.62	PPBV	99
53) 1,2-DIBROMOETHANE	13.663	107	152263	5.10	PPBV	100
54) CHLOROBENZENE	14.813	112	219975	5.12	PPBV	87
55) ETHYLBENZENE	15.189	91	446782	5.67	PPBV	96
56) m,p-XYLENE	15.388	106	303521	10.52	PPBV	99
57) o-XYLENE	15.887	106	161047	6.04	PPBV	89
58) STYRENE	15.768	104	159713	4.74	PPBV	93
59) NONANE	16.086	43	815376	10.20	PPBV	89
60) BROMOFORM	15.484	173	111104	5.59	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	283958	6.47	PPBV	99
63) ISOPROPYLBENZENE	16.529	105	518660	6.49	PPBV	93
64) 2-CHLOROTOLUENE	17.079	91	339101	6.04	PPBV	91
65) 4-ETHYLTOLUENE	17.268	105	358689	5.82	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	388762	6.52	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.812	105	329808	6.35	PPBV	96
68) m-DICHLOROBENZENE	17.993	146	104436	4.68	PPBV	90
69) BENZYL CHLORIDE	17.976	91	59474	2.33	PPBV	92
70) p-DICHLOROBENZENE	18.073	146	94360m	4.16	PPBV	
71) o-DICHLOROBENZENE	18.455	146	109185	4.84	PPBV	96
72) HEXACHLOROBUTADIENE	20.845	225	59940	6.45	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.350	180	11162	3.40	PPBV	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1096.D
 Acq On : 18 Jul 2006 8:48 pm
 Operator : DougY
 Sample : IC57-7.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

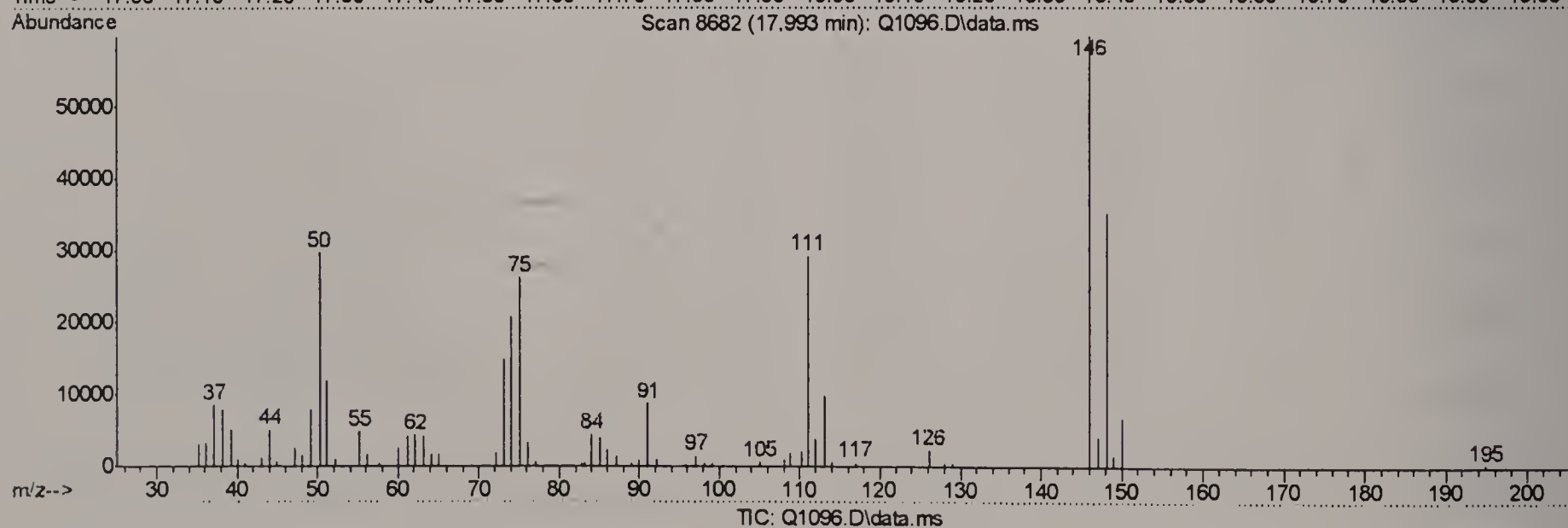
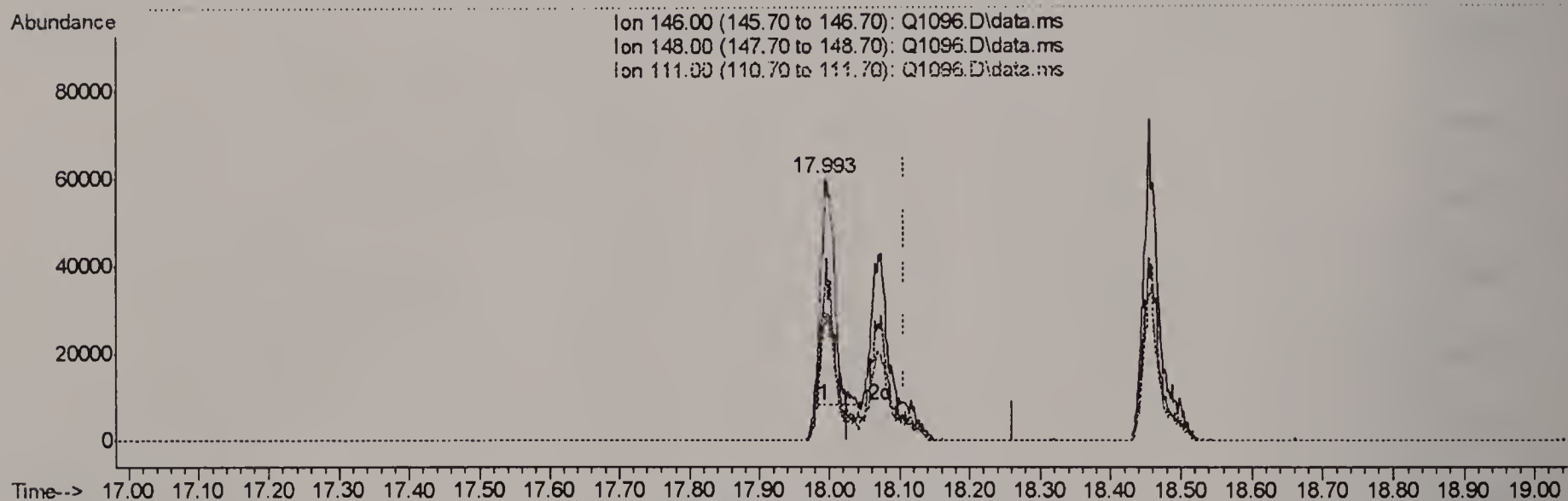
Quant Time: Jul 19 07:56:50 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1096.D
 Acq On : 18 Jul 2006 8:48 pm
 Operator : DougY
 Sample : IC57-7.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:12:02 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

17.993min (-0.114) 2.87PPBV

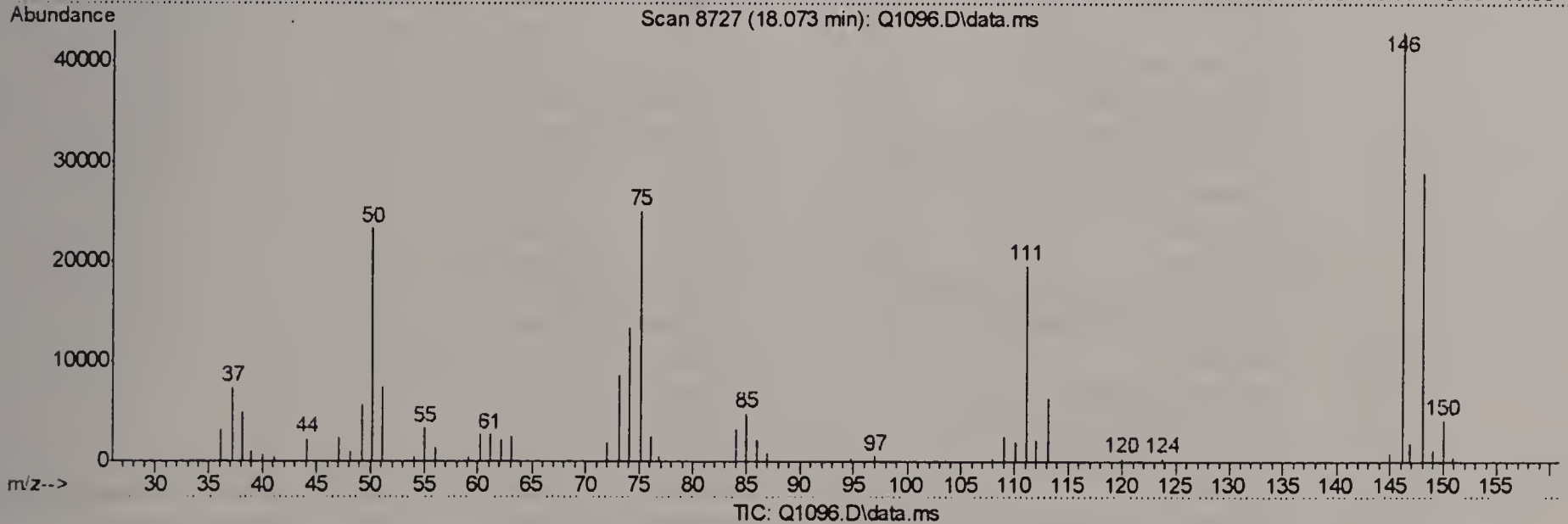
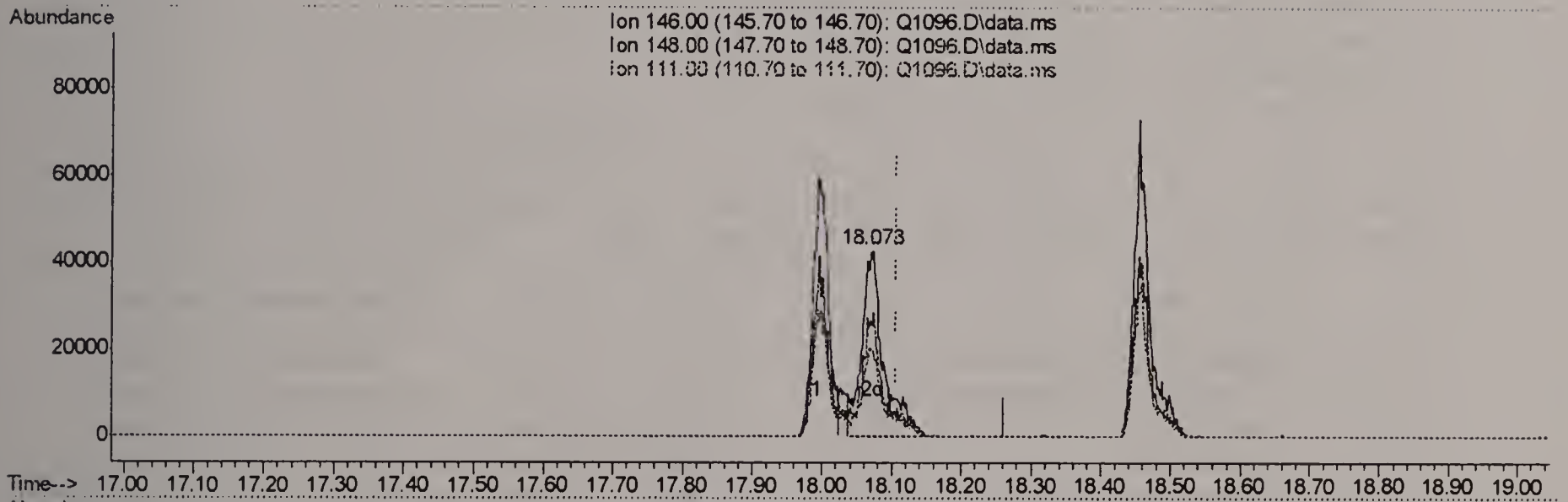
response 65009

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	61.81
111.00	42.40	54.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1096.D
 Acq On : 18 Jul 2006 8:48 pm
 Operator : DougY
 Sample : IC57-7.5 (M016)
 Misc : MS11802, MSQ57,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 19 07:12:02 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 13 12:10:08 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.073min (-0.034) 4.16PPBV m

response 94360

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	42.58#
111.00	42.40	37.72
0.00	0.00	0.00

Initial Calibration Verification

Page 1 of 2

Job Number: M57573

Sample:

MSQ58-ICV57

Account: GEI GEI Consultants, Inc.

Lab FileID:

Q1102.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : Q1102.D
Acq On : 19 Jul 2006 10:48 am
Operator : DougY
Sample : ICV57-10 (m145)
Misc : MS11802,MSQ58,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 09:12:13 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	116	0.00
2 m	DICHLORODIFLUOROMETHANE	5.587	6.203	-11.0	121	0.00
3 m	PROPYLENE	1.914	2.397	-25.2	137	0.00
4 m	FREON 114	4.891	5.519	-12.8	126	0.00
5 m	CHLOROMETHANE	2.564	2.827	-10.3	128	0.00
6 m	VINYL CHLORIDE	1.730	2.093	-21.0	133	0.00
7 m	1,3-BUTADIENE	2.171	2.633	-21.3	125	0.00
8 m	BROMOMETHANE	1.228	1.450	-18.1	129	0.00
9 m	CHLOROETHANE	0.728	0.875	-20.2	128	0.00
10 m	TRICHLOROFLUOROMETHANE	5.680	6.290	-10.7	119	0.00
11 m	ISOPROPYL ALCOHOL	3.201	3.714	-16.0	137	0.00
12 m	ACETONE	3.973	4.180	-5.2	129	0.00
13 m	PENTANE	2.479	2.836	-14.4	130	0.00
14 m	1,1-DICHLOROETHYLENE	1.045	1.215	-16.3	124	0.00
15 m	CARBON DISULFIDE	3.408	3.805	-11.6	124	0.00
16 m	ETHANOL	0.761	0.816	-7.2	135	0.00
17 m	BROMOETHENE	1.012	1.204	-19.0	131	0.00
18 m	METHYLENE CHLORIDE	1.214	1.240	-2.1	119	0.00
19 m	3-CHLOROPROPENE	2.055	2.546	-23.9	119	0.00
20 m	FREON 113	1.674	1.964	-17.3	123	0.00
21 m	TRANS-1,2-DICHLOROETHYLENE	0.981	1.156	-17.8	122	0.00
22 m	TERTIARY BUTYL ALCOHOL	2.692	2.975	-10.5	112	0.00
23 m	METHYL TERTIARY BUTYL ETHER	3.011	3.485	-15.7	123	0.00
24 m	TETRAHYDROFURAN	1.630	2.195	-34.7#	130	0.00
25 m	HEXANE	2.558	2.825	-10.4	117	0.00
26 m	VINYL ACETATE	1.836	1.817	1.0	104	0.00
27 m	1,1-DICHLOROETHANE	3.108	3.729	-20.0	116	0.00
28 m	METHYL ETHYL KETONE	3.586	3.997	-11.5	123	0.00
29 m	cis-1,2-DICHLOROETHYLENE	1.024	1.183	-15.5	112	0.00
30 m	ETHYL ACETATE	5.250	5.817	-10.8	120	0.00
31 m	CHLOROFORM	3.490	3.886	-11.3	111	0.00
32 m	1,1,1-TRICHLOROETHANE	2.574	3.152	-22.5	113	0.00
33 m	CARBON TETRACHLORIDE	2.853	3.435	-20.4	112	0.00
34 m	1,2-DICHLOROETHANE	1.968	2.474	-25.7	115	0.00
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	117	0.00
36 m	BENZENE	0.641	0.815	-27.1	116	0.00
37 m	CYCLOHEXANE	0.283	0.346	-22.3	114	0.00

Initial Calibration Verification

Page 2 of 2

Job Number: M57573

Sample: MSQ58-ICV57

Account: GEI GEI Consultants, Inc.

Lab FileID: Q1102.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

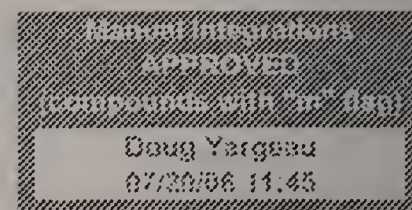
38	m	TRICHLOROETHYLENE	0.327	0.383	-17.1	112	0.00
39	m	1,2-DICHLOROPROPANE	0.314	0.384	-22.3	115	0.00
40	m	BROMODICHLOROMETHANE	0.594	0.701	-18.0	113	0.00
41	m	2,2,4-TRIMETHYLPENTANE	2.047	2.553	-24.7	114	0.00
42	m	1,4-DIOXANE	0.098	0.121	-23.5	118	0.00
43	m	HEPTANE	0.859	1.101	-28.2	115	0.00
44	m	METHYL ISOBUTYL KETONE	0.977	1.210	-23.8	117	0.00
45	m	cis-1,3-DICHLOROPROPENE	0.298	0.399	-33.9#	114	0.00
46	m	TOLUENE	0.326	0.433	-32.8#	113	0.00
47	m	trans-1,3-DICHLOROPROPENE	0.208	0.280	-34.6#	114	0.00
48	m	1,1,2-TRICHLOROETHANE	0.220	0.244	-10.9	111	0.00
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	113	0.00
50	m	2-HEXANONE	0.820	1.027	-25.2	110	0.00
51	m	TETRACHLOROETHYLENE	0.219	0.252	-15.1	110	0.00
52	m	DIBROMOCHLOROMETHANE	0.411	0.500	-21.7	109	0.00
53	m	1,2-DIBROMOETHANE	0.307	0.359	-16.9	106	0.00
54	m	CHLOROBENZENE	0.450	0.509	-13.1	106	0.00
55	m	ETHYLBENZENE	0.812	1.059	-30.4#	110	0.00
56	m	m,p-XYLENE	0.280	0.346	-23.6	105	0.00
57	m	o-XYLENE	0.287	0.361	-25.8	106	0.00
58	m	STYRENE	0.270	0.376	-39.3#	104	0.00
59	m	NONANE	1.383	1.826	-32.0#	107	0.00
60	m	BROMOFORM	0.225	0.271	-20.4	103	0.00
61	S	4-BROMOFLUOROBENZENE	0.754	0.817	-8.4	103	0.00
62	m	1,1,2,2-TETRACHLOROETHANE	0.548	0.594	-8.4	103	0.00
63	m	ISOPROPYLBENZENE	0.952	1.129	-18.6	106	0.00
64	m	2-CHLOROTOLUENE	0.603	0.798	-32.3#	106	0.00
65	m	4-ETHYLTOLUENE	0.615	0.821	-33.5#	108	0.00
66	m	1,3,5-TRIMETHYLBENZENE	0.688	0.857	-24.6	103	0.00
67	m	1,2,4-TRIMETHYLBENZENE	0.552	0.757	-37.1#	109	0.00
68	m	m-DICHLOROBENZENE	0.185	0.232	-25.4	101	0.00
69	m	BENZYL CHLORIDE	0.135	0.175	-29.6	98	0.00
70	m	p-DICHLOROBENZENE	0.176	0.134	23.9	65	0.00
71	m	o-DICHLOROBENZENE	0.209	0.249	-19.1	100	0.00
72	m	HEXACHLOROBUTADIENE	0.115	0.123	-7.0	108	0.00
73	m	1,2,4-TRICHLOROBENZENE	0.021	0.025	-19.0	103	0.00
74	m	NAPHTHALENE	0.000	0.000	0.0	0#	-0.19

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Q071806T.m Thu Jul 20 09:13:25 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1102.D
 Acq On : 19 Jul 2006 10:48 am
 Operator : DougY
 Sample : ICV57-10 (m145)
 Misc : MS11802,MSQ58,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 09:12:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.688	128	218313	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.524	114	876448	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.767	117	708343	10.00	PPBV	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.387	95	289366	5.42	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	108.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.058	85	1354130	11.10	PPBV	99
3) PROPYLENE	3.989	41	523249	12.52	PPBV	97
4) FREON 114	4.323	85	1204968	11.28	PPBV	99
5) CHLOROMETHANE	4.225	50	617071	11.02	PPBV	92
6) VINYL CHLORIDE	4.449	62	456841	12.10	PPBV	100
7) 1,3-BUTADIENE	4.592	39	574741	12.12	PPBV	95
8) BROMOMETHANE	4.873	94	316638	11.81	PPBV	97
9) CHLOROETHANE	5.048	64	191048	12.02	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.835	101	1373239	11.07	PPBV	99
11) ISOPROPYL ALCOHOL	5.865	45	810729	11.60	PPBV	94
12) ACETONE	5.636	43	912604	10.52	PPBV	98
13) PENTANE	6.191	42	619121	11.44	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.482	96	265222	11.63	PPBV	98
15) CARBON DISULFIDE	6.912	76	830727	11.17	PPBV	96
16) ETHANOL	5.134	45	178107	10.73	PPBV	98
17) BROMOETHENE	5.412	106	262851	11.90	PPBV	98
18) METHYLENE CHLORIDE	6.589	84	270771	10.22	PPBV	98
19) 3-CHLOROPROPENE	6.715	39	555776	12.39	PPBV	94
20) FREON 113	6.855	151	428673	11.73	PPBV	97
21) TRANS-1,2-DICHLOROETHY...	7.522	96	252478	11.79	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.477	59	649431	11.05	PPBV	97
23) METHYL TERTIARY BUTYL ...	7.762	73	760756	11.58	PPBV	98
24) TETRAHYDROFURAN	9.198	42	479244	13.47	PPBV	100
25) HEXANE	8.728	57	616701	11.04	PPBV	99
26) VINYL ACETATE	7.842	43	396705	9.90	PPBV	93
27) 1,1-DICHLOROETHANE	7.719	63	814151	12.00	PPBV	99
28) METHYL ETHYL KETONE	8.082	43	872648	11.15	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.529	96	258285	11.56	PPBV	99
30) ETHYL ACETATE	8.719	43	1270025	11.08	PPBV	100
31) CHLOROFORM	8.809	83	848326	11.14	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.768	97	688172	12.25	PPBV	98
33) CARBON TETRACHLORIDE	10.355	117	749944	12.04	PPBV	99
34) 1,2-DICHLOROETHANE	9.526	62	540123	12.57	PPBV	99
36) BENZENE	10.211	78	714248	12.72	PPBV	99
37) CYCLOHEXANE	10.476	84	303422	12.22	PPBV	94
38) TRICHLOROETHYLENE	11.209	95	336105	11.72	PPBV	99
39) 1,2-DICHLOROPROPANE	10.989	63	336783	12.24	PPBV	98
40) BROMODICHLOROMETHANE	11.168	83	614558	11.80	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.230	57	2237684	12.47	PPBV	100
42) 1,4-DIOXANE	11.194	88	106348	12.34	PPBV	93
43) HEPTANE	11.468	43	964587	12.81	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1102.D
Acq On : 19 Jul 2006 10:48 am
Operator : DougY
Sample : ICV57-10 (m145)
Misc : MS11802,MSQ58,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 09:12:13 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

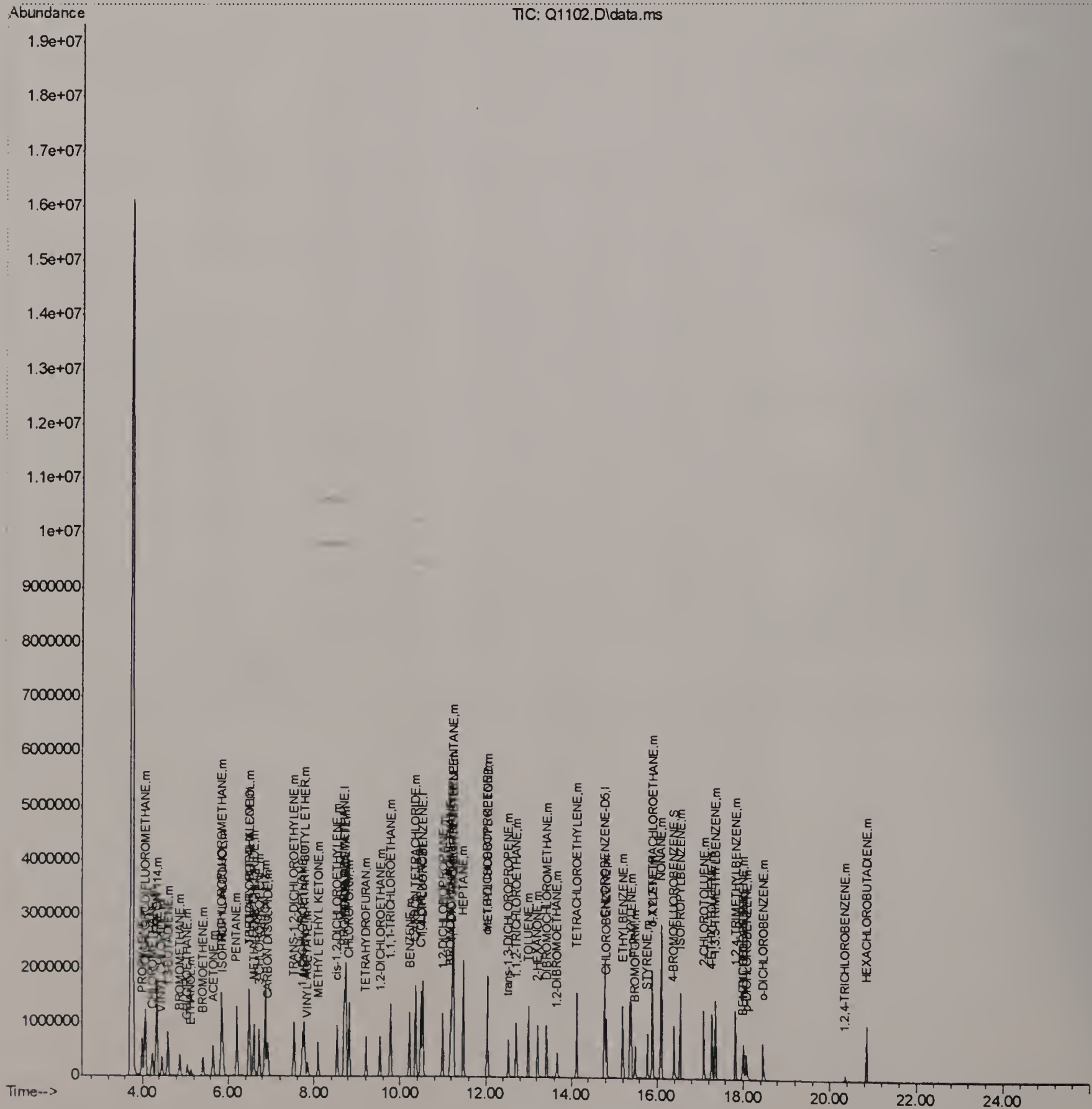
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.036	43	1060569	12.39	PPBV	100
45) cis-1,3-DICHLOROPROPENE	12.021	75	349325	10.53	PPBV	99
46) TOLUENE	12.985	92	379931	10.60	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.522	75	245712	10.47	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.705	83	213613	11.07	PPBV	99
50) 2-HEXANONE	13.205	43	727710	12.53	PPBV	100
51) TETRACHLOROETHYLENE	14.119	164	178238	11.49	PPBV	98
52) DIBROMOCHLOROMETHANE	13.411	129	353944	12.14	PPBV	99
53) 1,2-DIBROMOETHANE	13.665	107	254542	11.69	PPBV	98
54) CHLOROBENZENE	14.813	112	360529	11.32	PPBV	99
55) ETHYLBENZENE	15.191	91	750356	10.36	PPBV	99
56) m,p-XYLENE	15.386	106	490498m	20.14	PPBV	
57) o-XYLENE	15.883	106	255629	10.06	PPBV	98
58) STYRENE	15.766	104	266341	10.06	PPBV	100
59) NONANE	16.086	43	1293253	13.20	PPBV	99
60) BROMOFORM	15.486	173	192090	12.06	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	421088	10.85	PPBV	99
63) ISOPROPYLBENZENE	16.529	105	799641	11.86	PPBV	99
64) 2-CHLOROTOLUENE	17.078	91	564937	10.17	PPBV	99
65) 4-ETHYLTOLUENE	17.264	105	581382	10.13	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	607366	9.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.814	105	536160	10.15	PPBV	99
68) m-DICHLOROBENZENE	17.995	146	164444	12.54	PPBV	96
69) BENZYL CHLORIDE	17.974	91	123666	10.01	PPBV	97
70) p-DICHLOROBENZENE	18.068	146	94799	6.78	PPBV #	68
71) o-DICHLOROBENZENE	18.453	146	176375	9.74	PPBV	98
72) HEXACHLOROBUTADIENE	20.842	225	87342	10.74	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	17363	9.56	PPBV	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1102.D  
Acq On    : 19 Jul 2006   10:48 am  
Operator   : DougY  
Sample     : ICV57-10 (m145)  
Misc      : MS11802,MSQ58,,,,,1  
ALS Vial   : 2      Sample Multiplier: 1
```

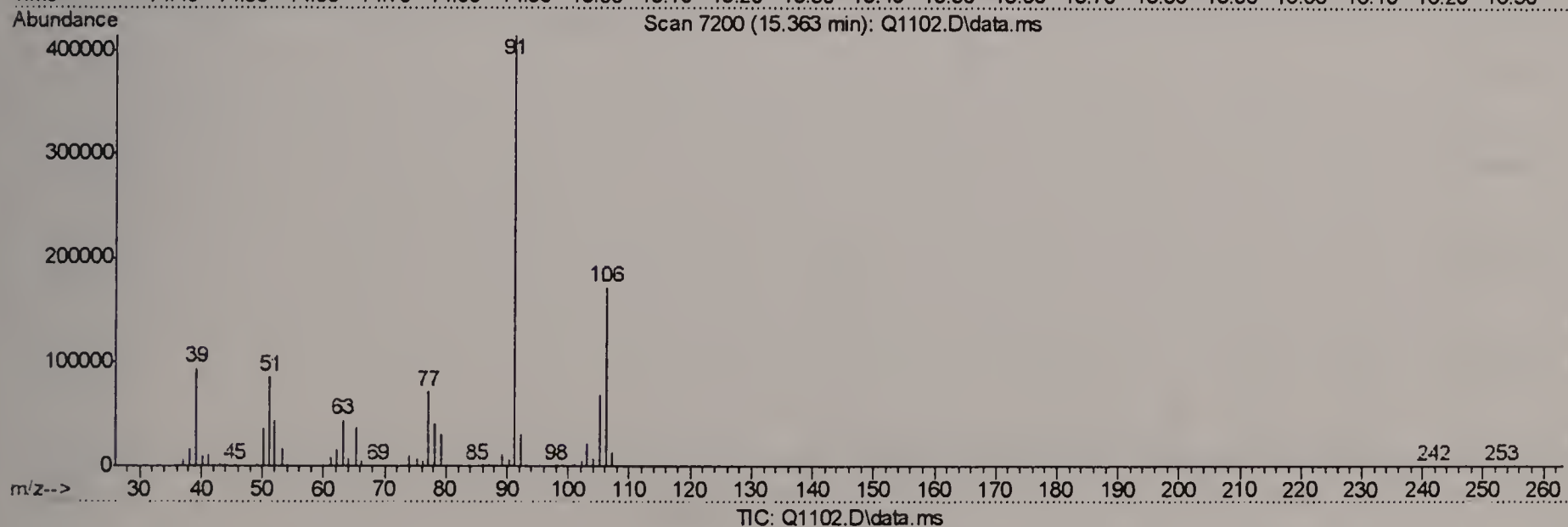
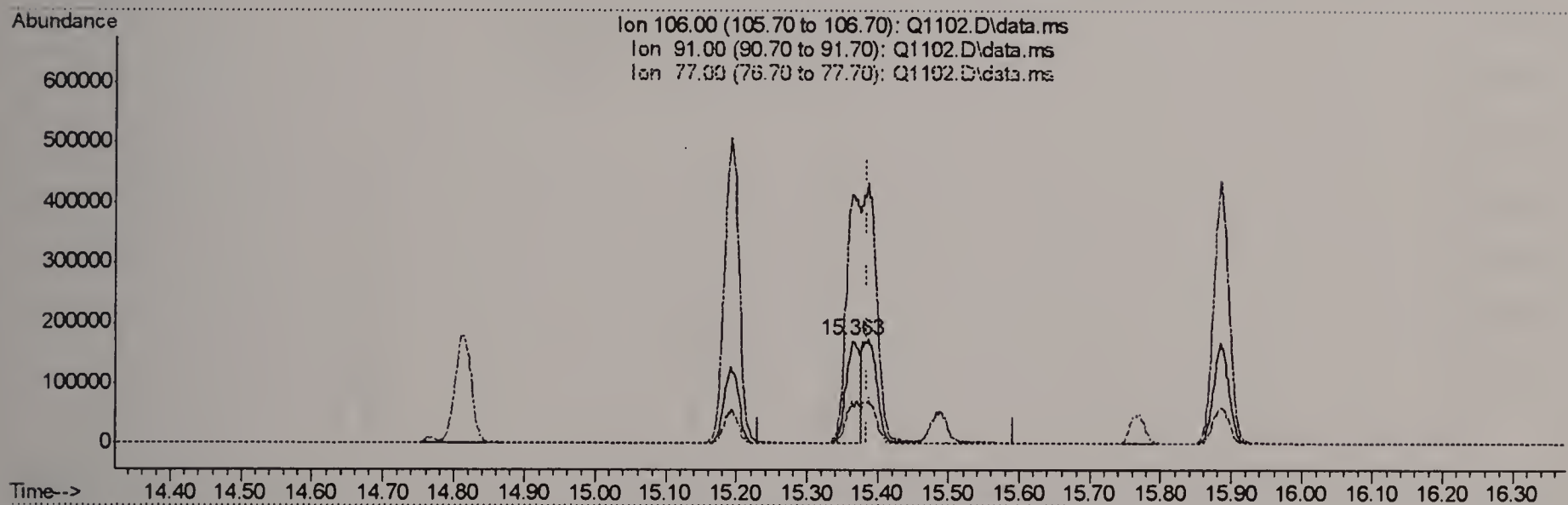
Quant Time: Jul 20 09:12:13 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1102.D
 Acq On : 19 Jul 2006 10:48 am
 Operator : DougY
 Sample : ICV57-10 (145)
 Misc : MS11802,MSQ58,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 11:15:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Wed Jul 19 08:09:43 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.363min (-0.023) 12.28PPBV

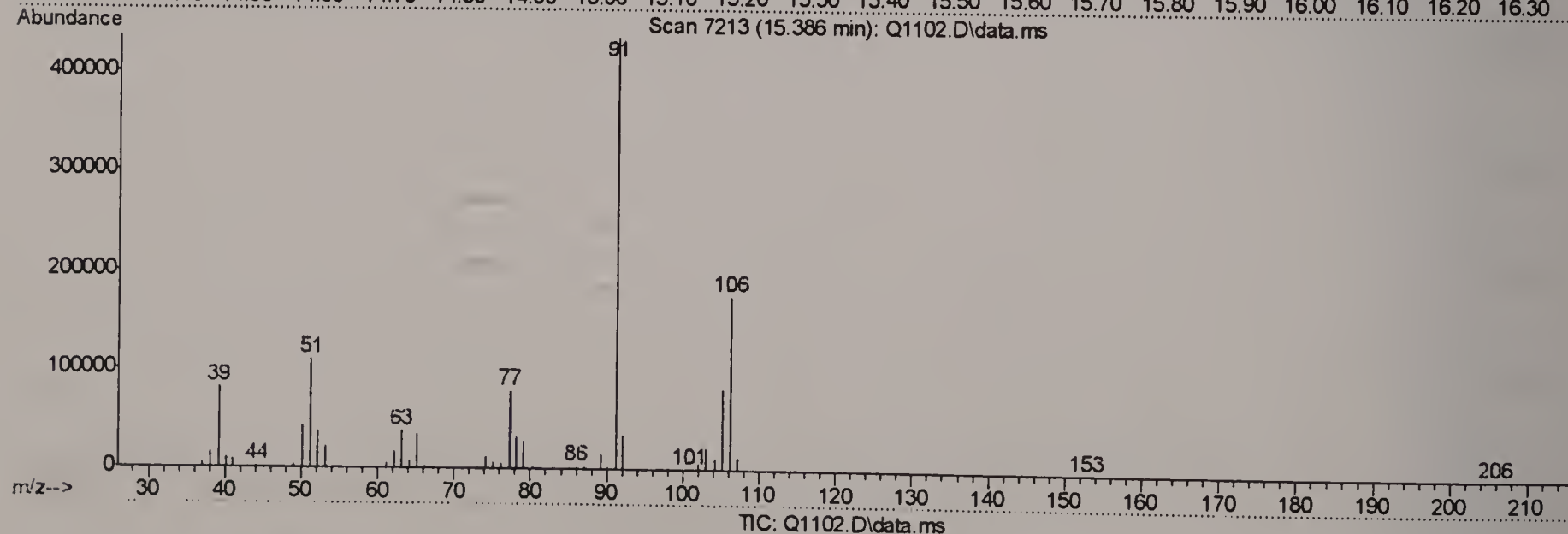
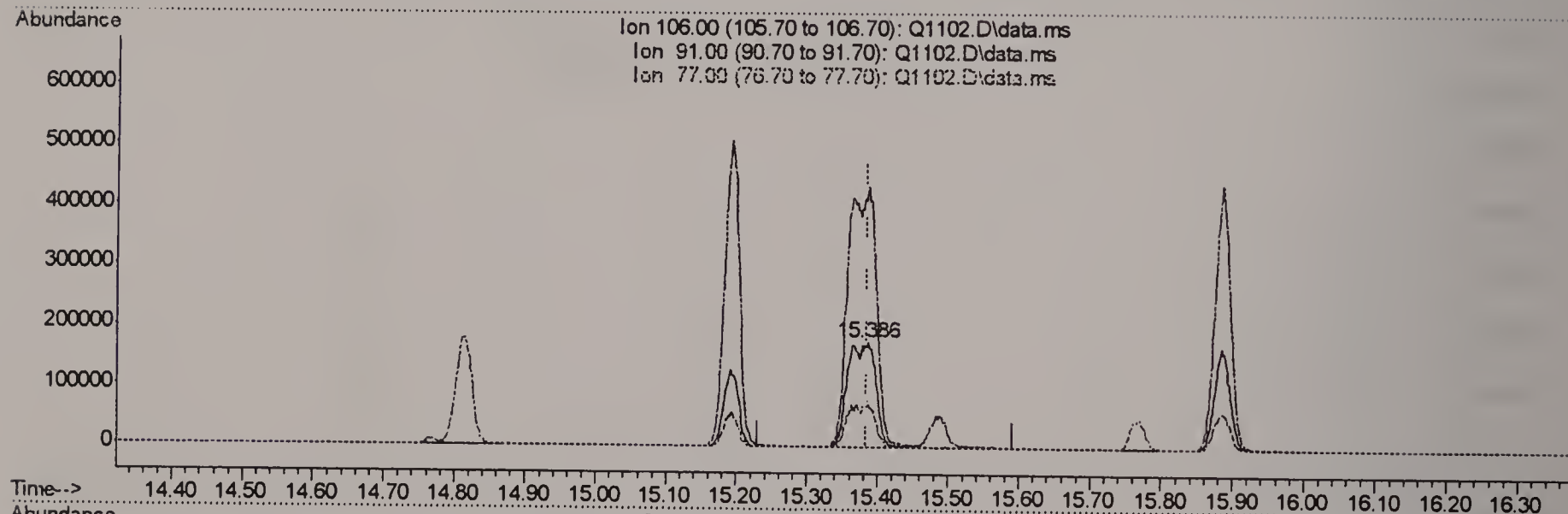
response 243454

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	241.36
77.00	39.30	41.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1102.D
 Acq On : 19 Jul 2006 10:48 am
 Operator : DougY
 Sample : ICV57-10 (145)
 Misc : MS11802,MSQ58,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 11:15:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Wed Jul 19 08:09:43 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.386min (+0.000) 24.76PPBV m

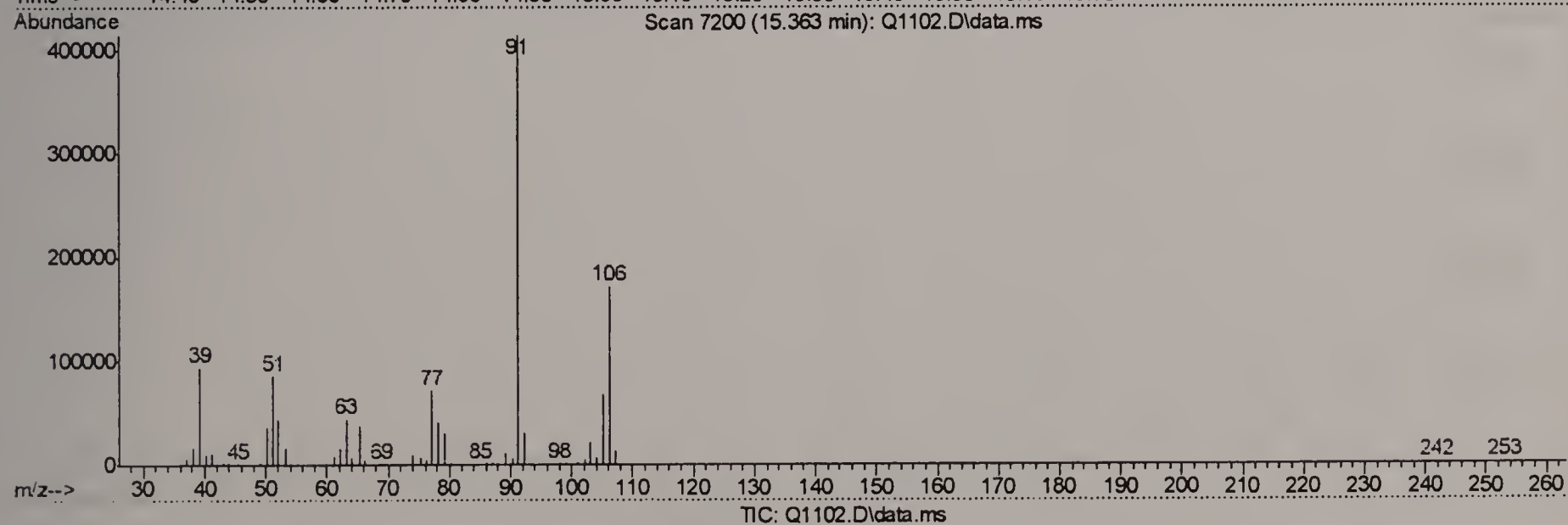
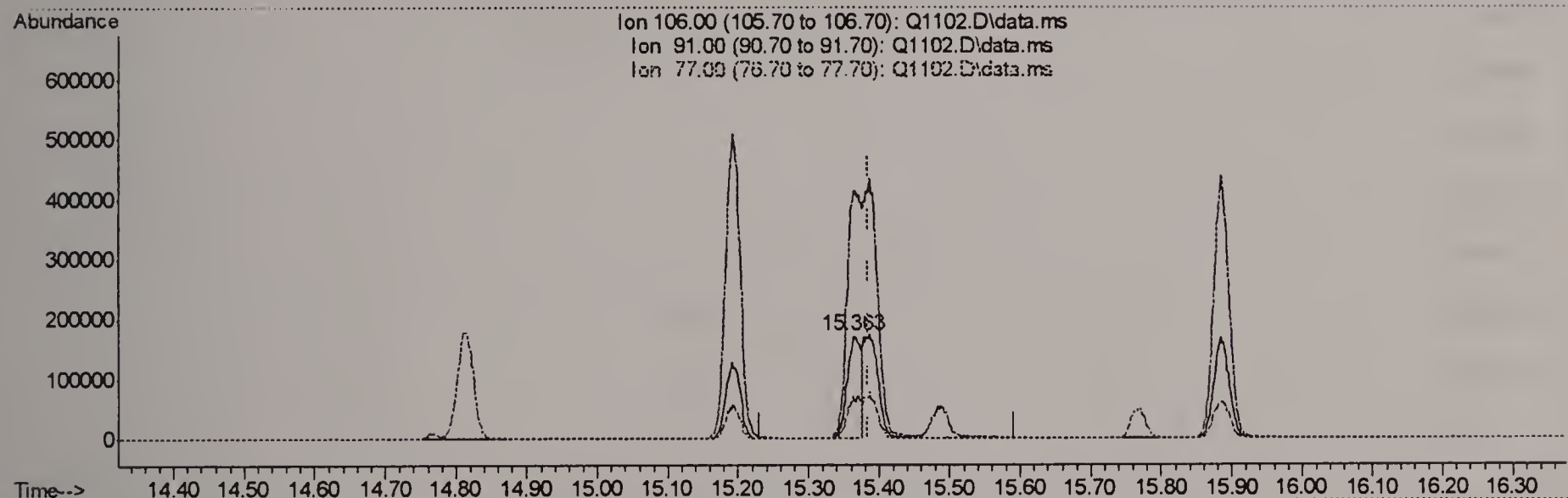
response 491056

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	248.54
77.00	39.30	44.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1102.D
 Acq On : 19 Jul 2006 10:48 am
 Operator : DougY
 Sample : ICV57-10 (145)
 Misc : MS11802,MSQ58,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 08:26:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.363min (-0.023) 11.03PPBV

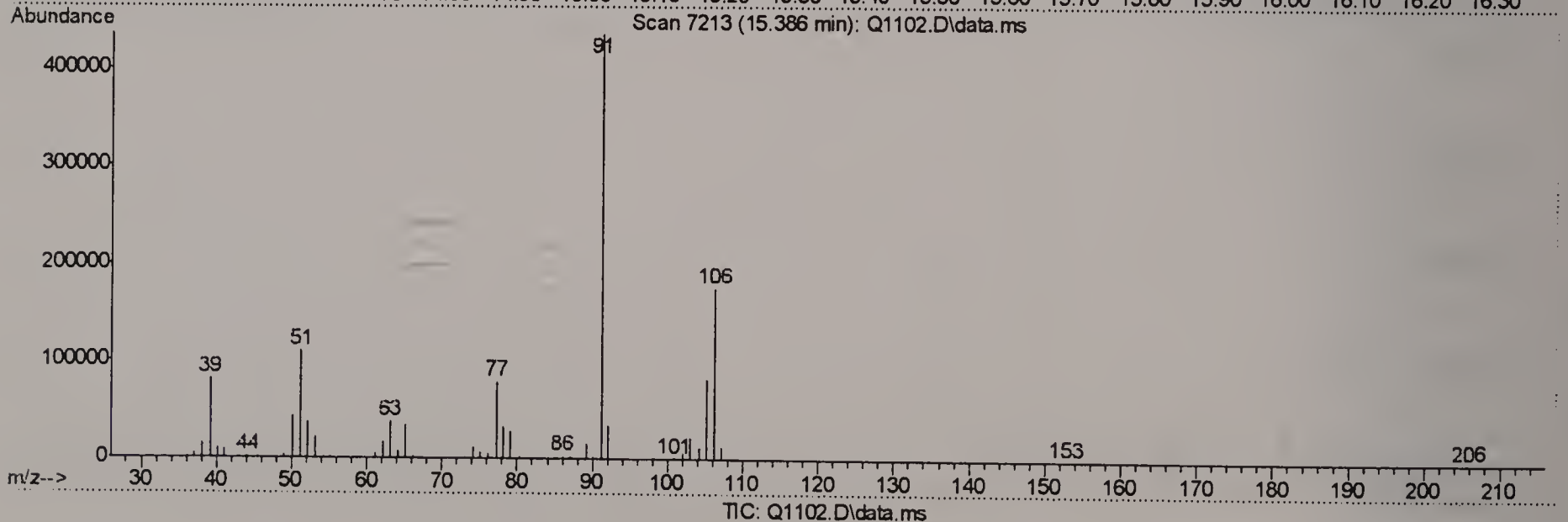
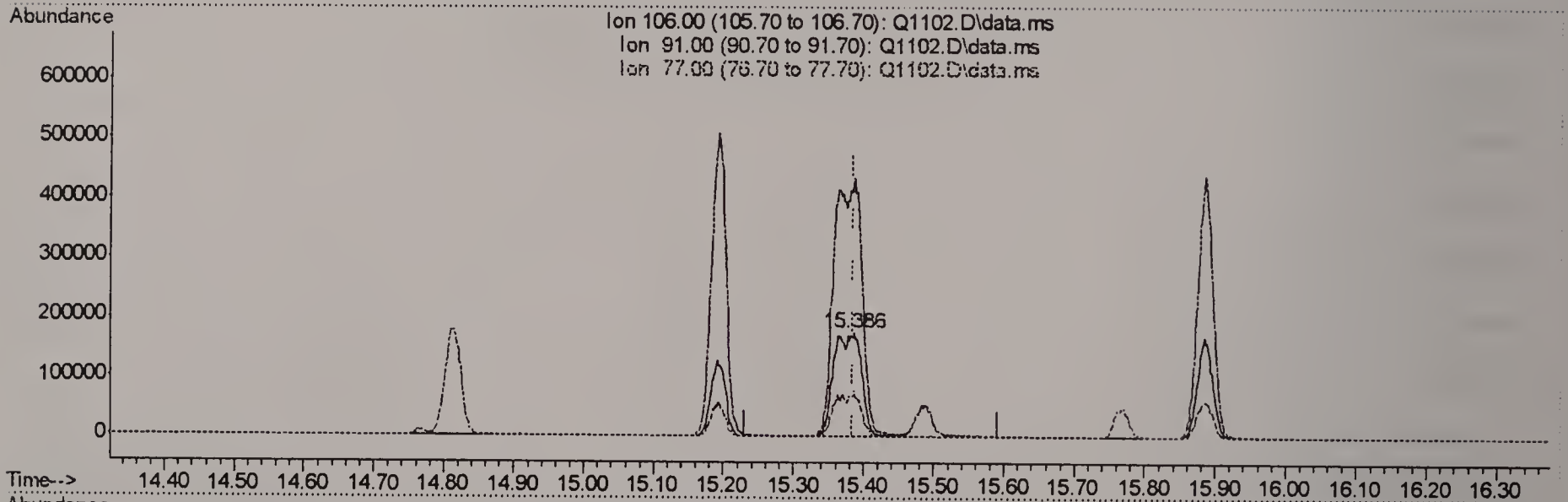
response 243454

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	241.36
77.00	39.30	41.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1102.D
 Acq On : 19 Jul 2006 10:48 am
 Operator : DougY
 Sample : ICV57-10 (145)
 Misc : MS11802,MSQ58,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 08:26:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.386min (+0.000) 20.14PPBV m

response 490498

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	248.54
77.00	39.30	44.67
0.00	0.00	0.00

Calibration Verification Data

$\overline{10} - 15$

(Test)

Continuing Calibration Summary

Page 1 of 2

Job Number: M57573
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ58-CC57
Lab FileID: Q1100.D

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : Q1100.D
Acq On : 19 Jul 2006 9:15 am
Operator : DougY
Sample : CC57-10 (M016)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:26:01 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	113	0.00
2 m	DICHLORODIFLUOROMETHANE	5.587	5.652	-1.2	107	0.00
3 m	PROPYLENE	1.914	2.088	-9.1	116	0.00
4 m	FREON 114	4.891	5.013	-2.5	111	0.00
5 m	CHLOROMETHANE	2.564	2.537	1.1	112	0.00
6 m	VINYL CHLORIDE	1.730	1.811	-4.7	112	0.00
7 m	1,3-BUTADIENE	2.171	2.415	-11.2	112	0.00
8 m	BROMOMETHANE	1.228	1.294	-5.4	112	0.00
9 m	CHLOROETHANE	0.728	0.786	-8.0	112	0.00
10 m	TRICHLOROFLUOROMETHANE	5.680	5.860	-3.2	107	0.00
11 m	ISOPROPYL ALCOHOL	3.201	3.340	-4.3	119	0.00
12 m	ACETONE	3.973	3.886	2.2	116	0.00
13 m	PENTANE	2.479	2.634	-6.3	117	0.00
14 m	1,1-DICHLOROETHYLENE	1.045	1.106	-5.8	109	0.00
15 m	CARBON DISULFIDE	3.408	3.507	-2.9	111	0.00
16 m	ETHANOL	0.761	0.716	5.9	115	0.00
17 m	BROMOETHENE	1.012	1.049	-3.7	110	0.00
18 m	METHYLENE CHLORIDE	1.214	1.153	5.0	107	0.00
19 m	3-CHLOROPROPENE	2.055	2.390	-16.3	109	0.00
20 m	FREON 113	1.674	1.759	-5.1	107	0.00
21 m	TRANS-1,2-DICHLOROETHYLENE	0.981	1.054	-7.4	108	0.00
22 m	TERTIARY BUTYL ALCOHOL	2.692	2.811	-4.4	103	0.00
23 m	METHYL TERTIARY BUTYL ETHER	3.011	3.187	-5.8	109	0.00
24 m	TETRAHYDROFURAN	1.630	2.036	-24.9	117	0.00
25 m	HEXANE	2.558	2.725	-6.5	109	0.00
26 m	VINYL ACETATE	1.836	1.295	29.5	72	-0.08
27 m	1,1-DICHLOROETHANE	3.108	3.513	-13.0	106	0.00
28 m	METHYL ETHYL KETONE	3.586	3.764	-5.0	113	0.00
29 m	cis-1,2-DICHLOROETHYLENE	1.024	1.127	-10.1	104	0.00
30 m	ETHYL ACETATE	5.250	5.566	-6.0	112	0.00
31 m	CHLOROFORM	3.490	3.952	-13.2	110	0.00
32 m	1,1,1-TRICHLOROETHANE	2.574	3.082	-19.7	108	0.00
33 m	CARBON TETRACHLORIDE	2.853	3.358	-17.7	106	0.00
34 m	1,2-DICHLOROETHANE	1.968	2.369	-20.4	107	0.00
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00
36 m	BENZENE	0.641	0.787	-22.8	108	0.00
37 m	CYCLOHEXANE	0.283	0.332	-17.3	105	0.00

Continuing Calibration Summary

Page 2 of 2

Job Number: M57573

Sample: MSQ58-CC57

Account: GEI GEI Consultants, Inc.

Lab FileID: Q1100.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

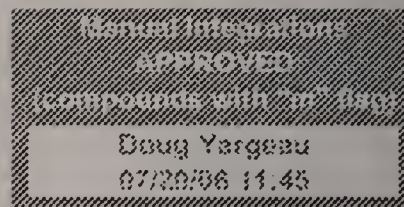
38 m	TRICHLOROETHYLENE	0.327	0.381	-16.5	107	0.00
39 m	1,2-DICHLOROPROPANE	0.314	0.370	-17.8	106	0.00
40 m	BROMODICHLOROMETHANE	0.594	0.686	-15.5	106	0.00
41 m	2,2,4-TRIMETHYLPENTANE	2.047	2.488	-21.5	107	0.00
42 m	1,4-DIOXANE	0.098	0.117	-19.4	110	0.00
43 m	HEPTANE	0.859	1.079	-25.6	108	0.00
44 m	METHYL ISOBUTYL KETONE	0.977	1.195	-22.3	111	0.00
45 m	cis-1,3-DICHLOROPROPENE	0.298	0.390	-30.9#	108	0.00
46 m	TOLUENE	0.326	0.415	-27.3	104	0.00
47 m	trans-1,3-DICHLOROPROPENE	0.208	0.270	-29.8	105	0.00
48 m	1,1,2-TRICHLOROETHANE	0.220	0.239	-8.6	104	0.00

49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	109	0.00
50 m	2-HEXANONE	0.820	1.025	-25.0	105	0.00
51 m	TETRACHLOROETHYLENE	0.219	0.253	-15.5	106	0.00
52 m	DIBROMOCHLOROMETHANE	0.411	0.490	-19.2	103	0.00
53 m	1,2-DIBROMOETHANE	0.307	0.356	-16.0	101	0.00
54 m	CHLOROBENZENE	0.450	0.509	-13.1	101	0.00
55 m	ETHYLBENZENE	0.812	1.038	-27.8	103	0.00
56 m	m,p-XYLENE	0.280	0.345	-23.2	101	0.00
57 m	o-XYLENE	0.287	0.361	-25.8	102	0.00
58 m	STYRENE	0.270	0.370	-37.0#	99	0.00
59 m	NONANE	1.383	1.852	-33.9#	104	0.00
60 m	BROMOFORM	0.225	0.269	-19.6	98	0.00
61 S	4-BROMOFLUOROBENZENE	0.754	0.888	-17.8	107	0.00
62 m	1,1,2,2-TETRACHLOROETHANE	0.548	0.611	-11.5	102	0.00
63 m	ISOPROPYLBENZENE	0.952	1.148	-20.6	103	0.00
64 m	2-CHLOROTOLUENE	0.603	0.788	-30.7#	100	0.00
65 m	4-ETHYLTOLUENE	0.615	0.818	-33.0#	104	0.00
66 m	1,3,5-TRIMETHYLBENZENE	0.688	0.863	-25.4	99	0.00
67 m	1,2,4-TRIMETHYLBENZENE	0.552	0.756	-37.0#	104	0.00
68 m	m-DICHLOROBENZENE	0.185	0.233	-25.9	98	0.00
69 m	BENZYL CHLORIDE	0.135	0.147	-8.9	79	0.00
70 m	p-DICHLOROBENZENE	0.176	0.210	-19.3	99	0.00
71 m	o-DICHLOROBENZENE	0.209	0.249	-19.1	95	0.00
72 m	HEXACHLOROBUTADIENE	0.115	0.126	-9.6	106	0.00
73 m	1,2,4-TRICHLOROBENZENE	0.021	0.023	-9.5	94	0.00
74 m	NAPHTHALENE	0.000	0.000	0.0	0#	-20.66#

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Q071806T.m Thu Jul 20 09:13:24 2006



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1100.D
Acq On : 19 Jul 2006 9:15 am
Operator : DougY
Sample : CC57-10 (M016)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:26:01 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	211873	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.523	114	842368	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.769	117	680320	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.386	95	301986	5.89	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	117.80%

Target Compounds

						Qvalue
2) DICHLORODIFLUOROMETHANE	4.060	85	1197409	10.11	PPBV	99
3) PROPYLENE	3.987	41	442422	10.91	PPBV	97
4) FREON 114	4.326	85	1062130	10.25	PPBV	99
5) CHLOROMETHANE	4.225	50	537492	9.89	PPBV	91
6) VINYL CHLORIDE	4.454	62	383708	10.47	PPBV	100
7) 1,3-BUTADIENE	4.590	39	511725	11.12	PPBV	98
8) BROMOMETHANE	4.869	94	274190	10.54	PPBV	97
9) CHLOROETHANE	5.045	64	166452	10.79	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.833	101	1241552	10.32	PPBV	100
11) ISOPROPYL ALCOHOL	5.865	45	707644	10.43	PPBV	100
12) ACETONE	5.636	43	823303	9.78	PPBV	99
13) PENTANE	6.191	42	558127	10.63	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.479	96	234237	10.58	PPBV	98
15) CARBON DISULFIDE	6.914	76	743121	10.29	PPBV	99
16) ETHANOL	5.128	45	151692	9.41	PPBV	97
17) BROMOETHENE	5.414	106	222309	10.37	PPBV	98
18) METHYLENE CHLORIDE	6.592	84	244352	9.50	PPBV	99
19) 3-CHLOROPROPENE	6.711	39	506320	11.63	PPBV	96
20) FREON 113	6.853	151	372721	10.51	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.521	96	223221	10.74	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.472	59	595678	10.44	PPBV	99
23) METHYL TERTIARY BUTYL ...	7.765	73	675199	10.59	PPBV	99
24) TETRAHYDROFURAN	9.198	42	431319	12.49	PPBV	99
25) HEXANE	8.727	57	577303	10.65	PPBV	99
26) VINYL ACETATE	7.764	43	274384	7.05	PPBV	89
27) 1,1-DICHLOROETHANE	7.718	63	744378	11.30	PPBV	100
28) METHYL ETHYL KETONE	8.087	43	797441	10.50	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.527	96	238832	11.01	PPBV	99
30) ETHYL ACETATE	8.719	43	1179284	10.60	PPBV	100
31) CHLOROFORM	8.813	83	837386	11.33	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.771	97	652932	11.97	PPBV	99
33) CARBON TETRACHLORIDE	10.353	117	711415	11.77	PPBV	99
34) 1,2-DICHLOROETHANE	9.523	62	502002	12.04	PPBV	99
36) BENZENE	10.213	78	663233	12.28	PPBV	100
37) CYCLOHEXANE	10.476	84	279963	11.73	PPBV	96
38) TRICHLOROETHYLENE	11.210	95	320873	11.64	PPBV	99
39) 1,2-DICHLOROPROPANE	10.985	63	311366	11.78	PPBV	99
40) BROMODICHLOROMETHANE	11.169	83	578076	11.55	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.232	57	2095979	12.15	PPBV #	98
42) 1,4-DIOXANE	11.193	88	98640	11.91	PPBV	96
43) HEPTANE	11.469	43	909070	12.56	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1100.D
 Acq On : 19 Jul 2006 9:15 am
 Operator : DougY
 Sample : CC57-10 (M016)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:26:01 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

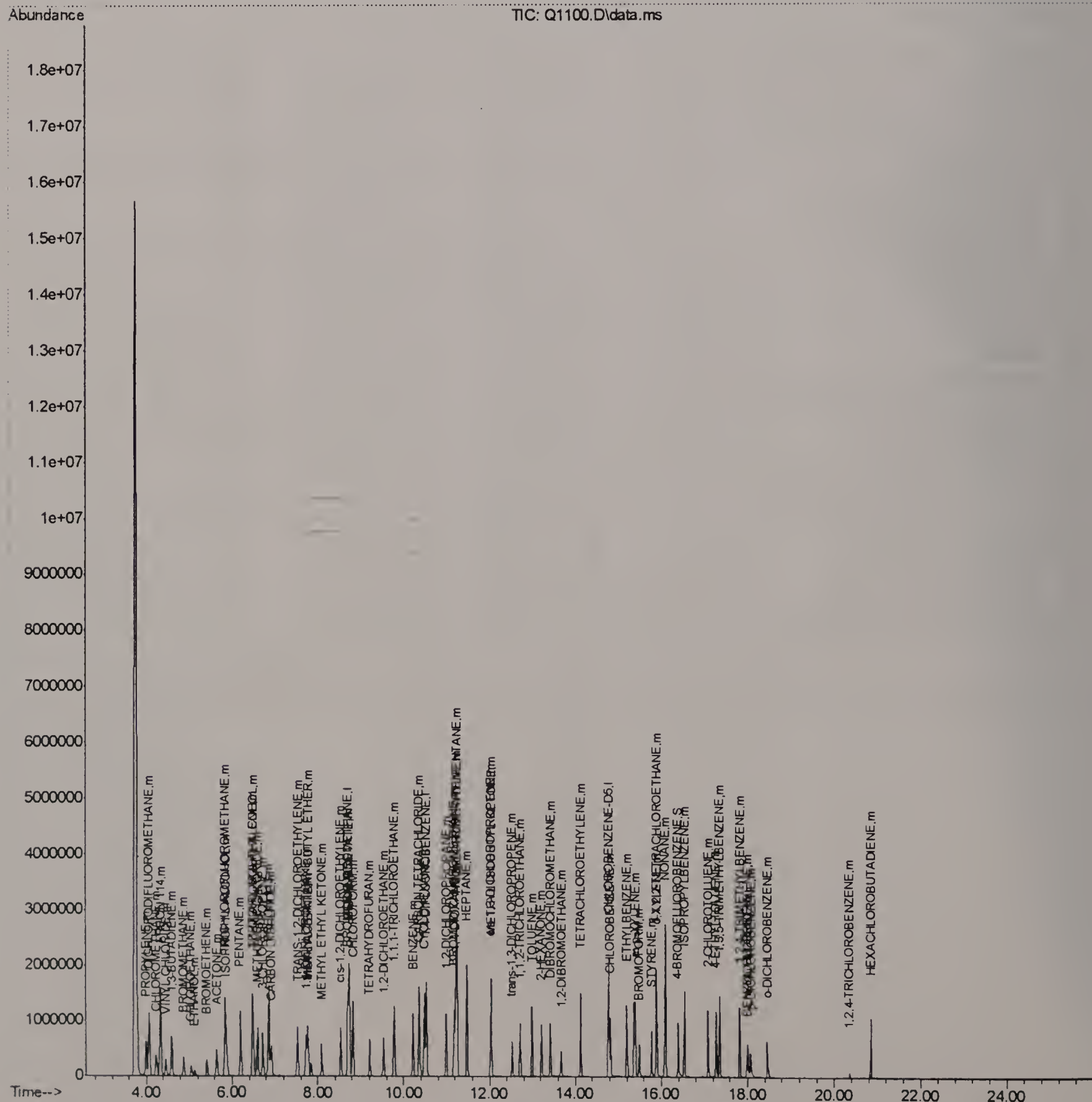
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.036	43	1006989	12.24	PPBV	100
45) cis-1,3-DICHLOROPROPENE	12.020	75	328241	10.33	PPBV	98
46) TOLUENE	12.983	92	349366	10.22	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.522	75	227059	10.16	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.706	83	201141	10.85	PPBV	100
50) 2-HEXANONE	13.205	43	697004	12.50	PPBV	100
51) TETRACHLOROETHYLENE	14.119	164	171950	11.54	PPBV	99
52) DIBROMOCHLOROMETHANE	13.413	129	333549	11.92	PPBV	100
53) 1,2-DIBROMOETHANE	13.661	107	242195	11.58	PPBV	99
54) CHLOROBENZENE	14.813	112	346309	11.32	PPBV	99
55) ETHYLBENZENE	15.191	91	706298	10.19	PPBV	99
56) m,p-XYLENE	15.386	106	469755m	20.09	PPBV	
57) o-XYLENE	15.885	106	245573	10.06	PPBV	98
58) STYRENE	15.764	104	251778	9.93	PPBV	99
59) NONANE	16.086	43	1259957	13.39	PPBV	99
60) BROMOFORM	15.486	173	182671	11.94	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	415925	11.16	PPBV	98
63) ISOPROPYLBENZENE	16.529	105	780760	12.06	PPBV	99
64) 2-CHLOROTOLUENE	17.078	91	536417	10.08	PPBV	100
65) 4-ETHYLTOLUENE	17.264	105	556820	10.11	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	587175	9.88	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	514096	10.14	PPBV	99
68) m-DICHLOROBENZENE	17.993	146	158833	12.61	PPBV	94
69) BENZYL CHLORIDE	17.972	91	99891	8.91	PPBV	96
70) p-DICHLOROBENZENE	18.064	146	142708	9.81	PPBV	80
71) o-DICHLOROBENZENE	18.453	146	169135	9.73	PPBV	96
72) HEXACHLOROBUTADIENE	20.844	225	85600	10.96	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.350	180	15843	9.19	PPBV	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1100.D
Acq On : 19 Jul 2006 9:15 am
Operator : DougY
Sample : CC57-10 (M016)
Misc : MS11822,MSQ58,,,,,1
ALS Vial : 3 Sample Multiplier: 1

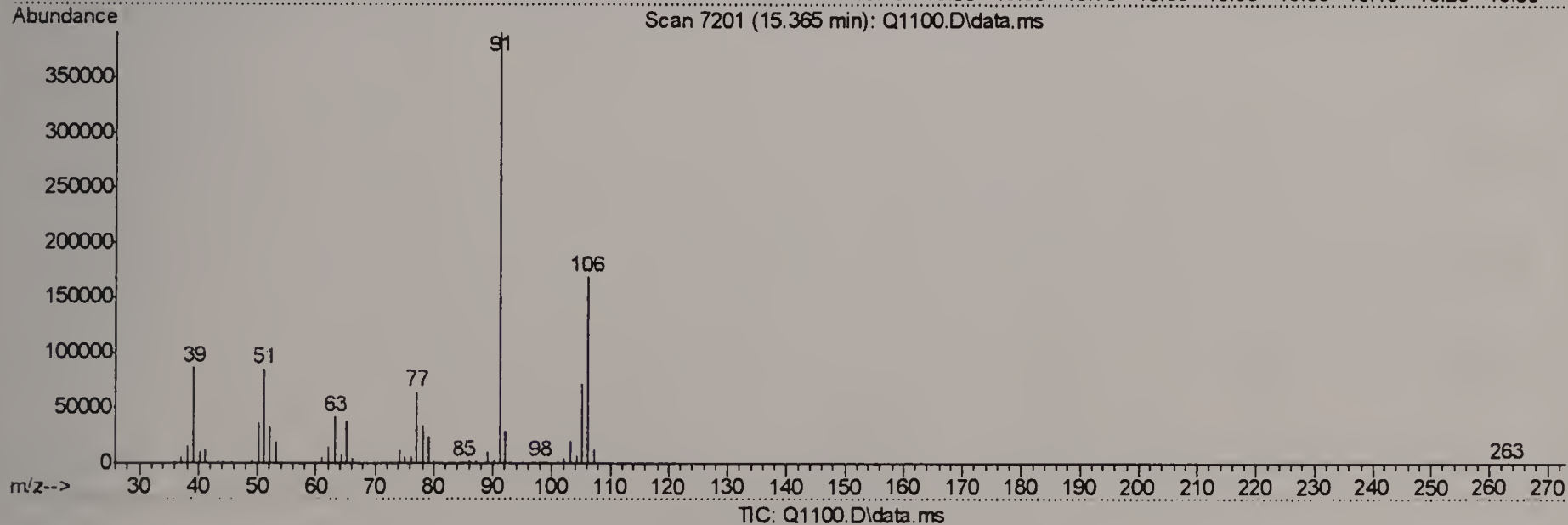
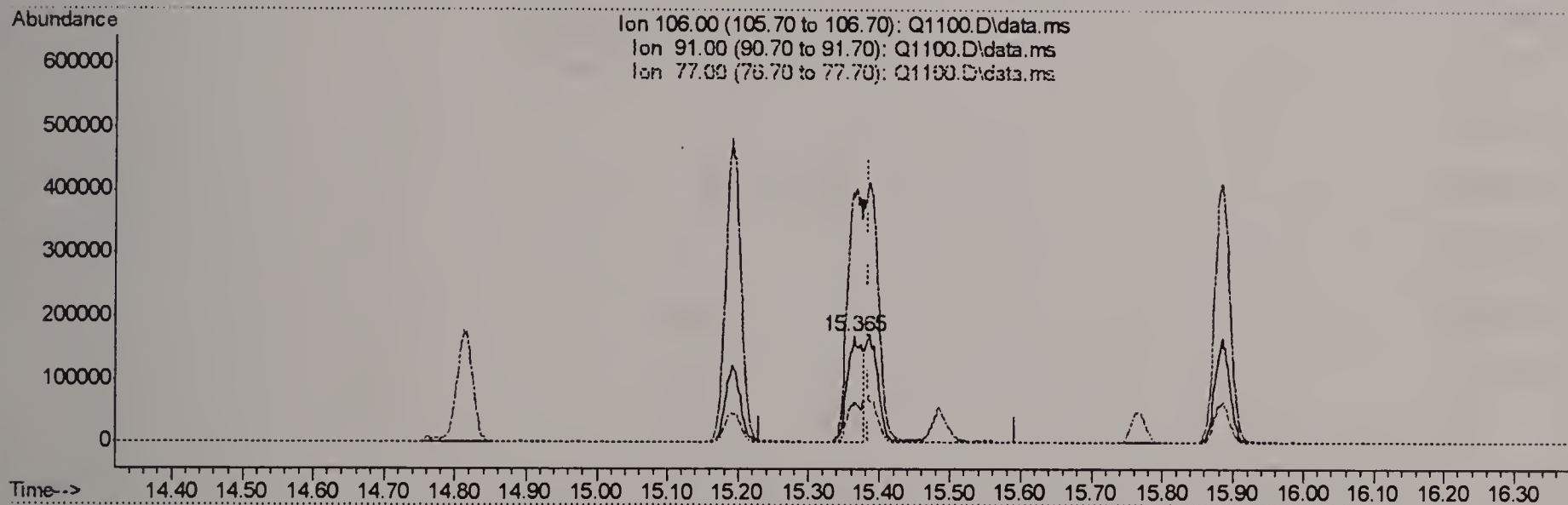
Quant Time: Jul 20 08:26:01 2006
Quant Method : C:\msdchem\1\METHODS\Q071806T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 20 08:14:57 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1100.D
 Acq On : 19 Jul 2006 9:15 am
 Operator : DougY
 Sample : CC57-10 (M016)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:25:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.021) 11.70PPBV

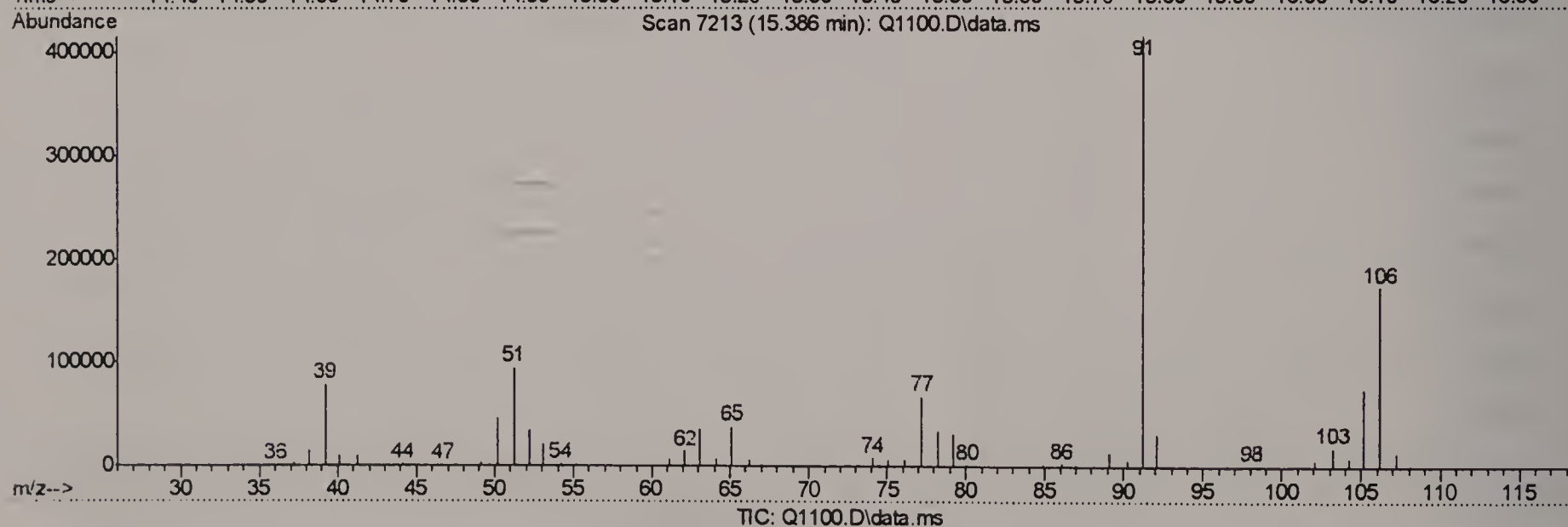
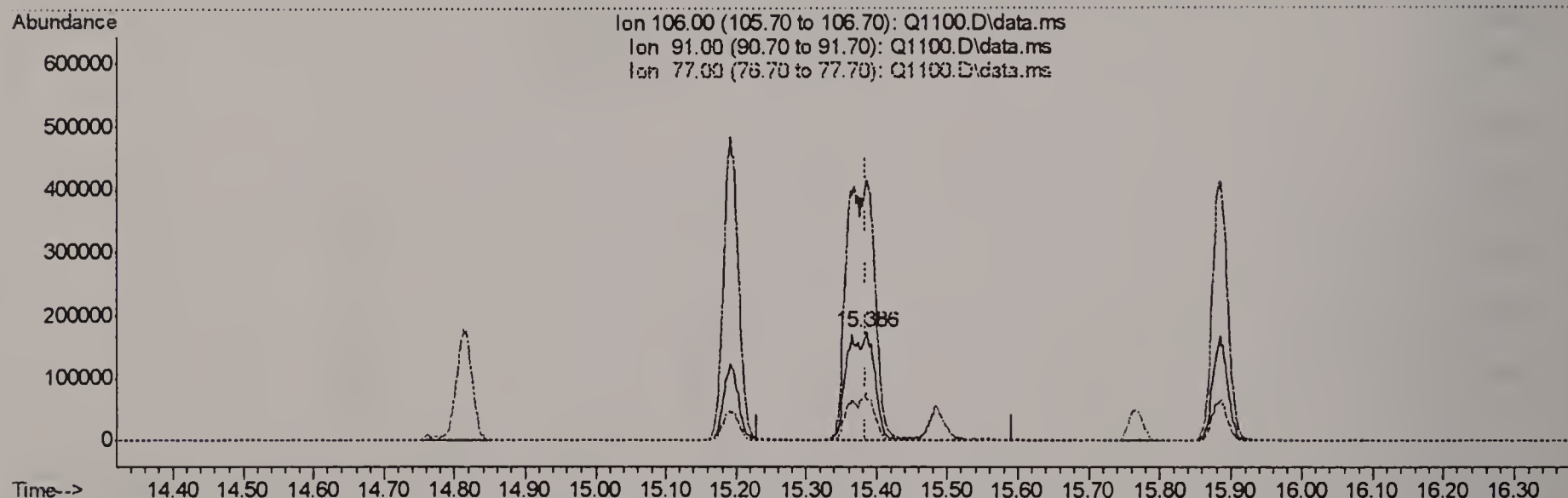
response 250381

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	231.08
77.00	39.30	38.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1100.D
 Acq On : 19 Jul 2006 9:15 am
 Operator : DougY
 Sample : CC57-10 (M016)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:25:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.386min (+0.000) 20.09PPBV m

response 469755

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	240.41
77.00	39.30	39.15
0.00	0.00	0.00

QC Raw Data

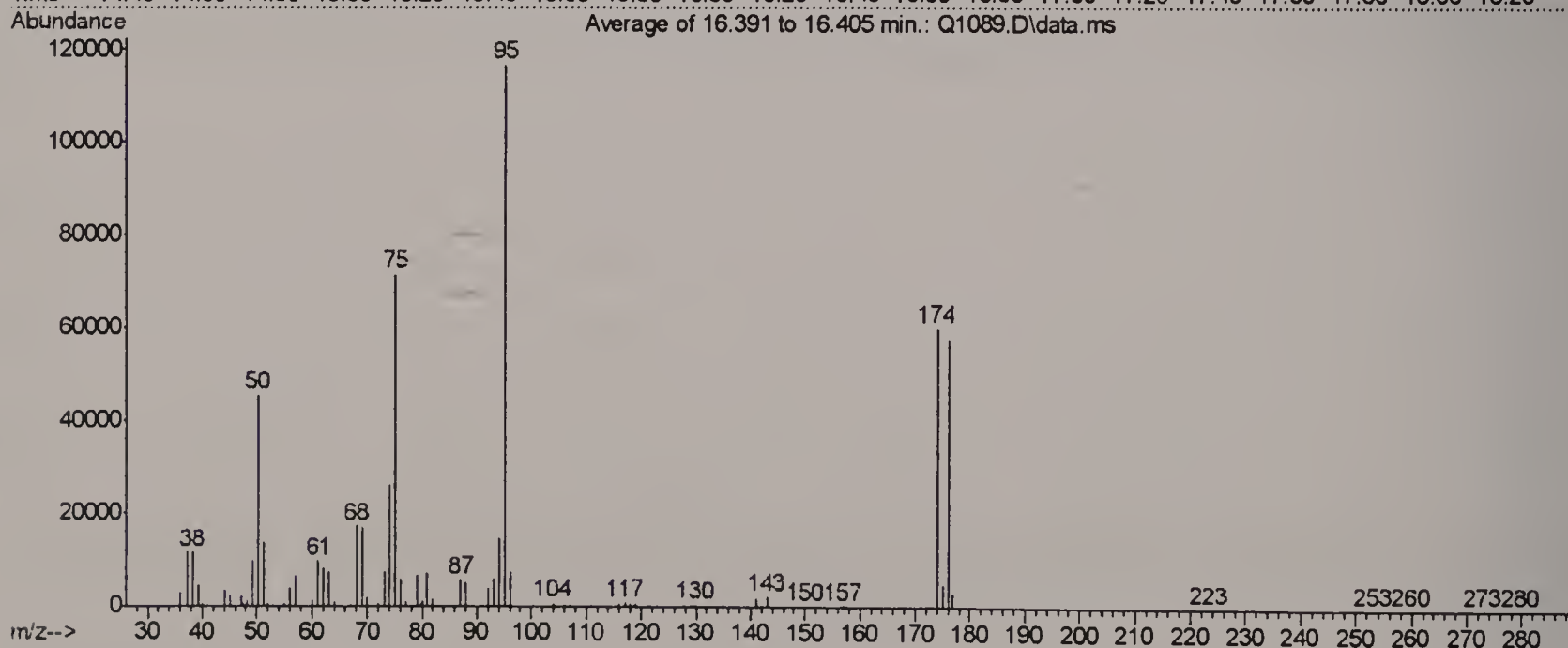
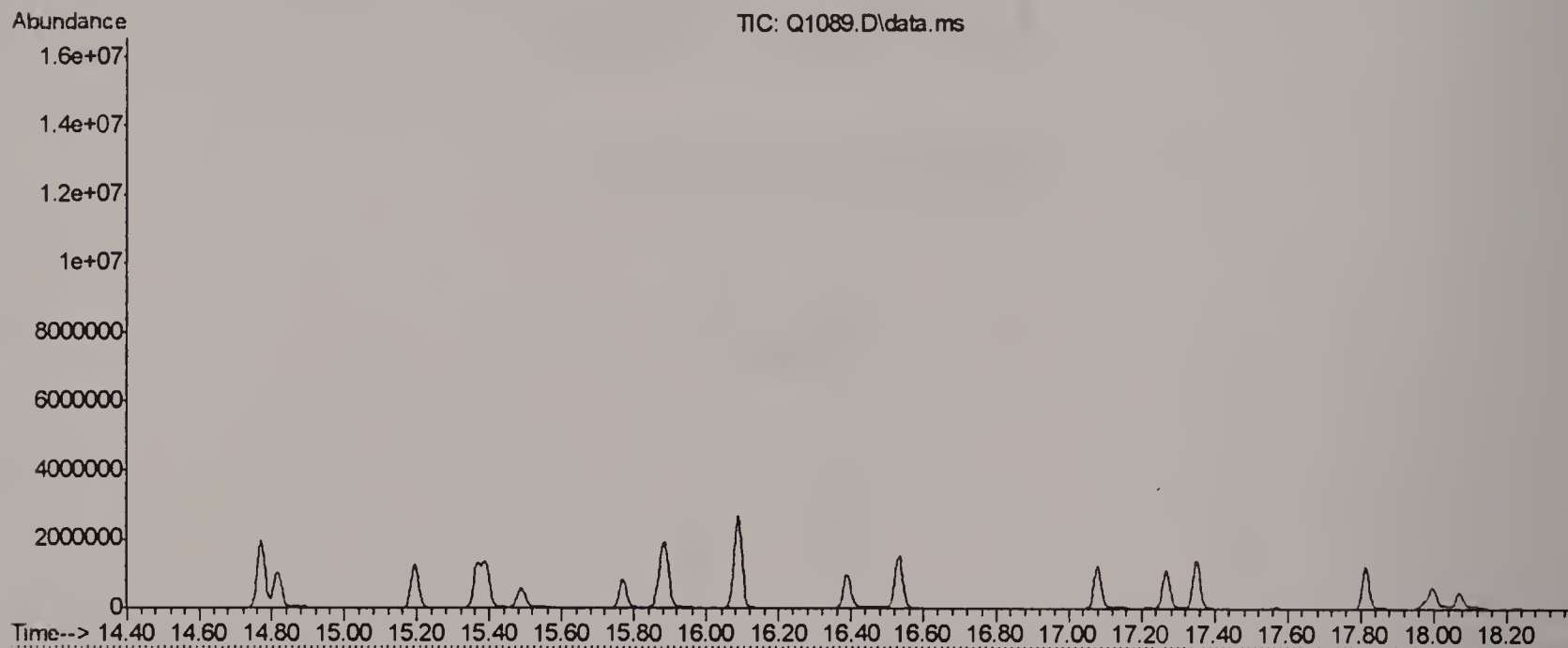
$$\frac{70 - 15}{\text{(Test)}}$$

BFB

Data File : C:\msdchem\1\DATA\Q1089.D
Acq On : 18 Jul 2006 2:00 pm
Sample : BFB (M016)
Misc : MS11802, MSQ57,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: DougY
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q071806T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.391 to 16.405 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	39.0	45421	PASS
75	95	30	66	61.3	71357	PASS
95	95	100	100	100.0	116463	PASS
96	95	5	9	6.3	7344	PASS
173	174	0.00	2	0.6	346	PASS
174	95	50	120	51.6	60091	PASS
175	174	4	9	7.8	4669	PASS
176	174	93	101	95.9	57653	PASS
177	176	5	9	5.4	3087	PASS

Average of 16.391 to 16.405 min.: Q1089.D\data.ms
BFB (M016)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2848	45.15	2485	53.00	224	62.10	8039
37.15	11511	46.05	116	53.90	48	63.10	7494
38.15	11576	47.10	2181	55.00	684	64.10	820
39.20	4403	47.25	691	55.20	82	64.90	183
40.10	685	47.70	220	56.10	3768	65.00	171
40.30	61	48.10	1284	57.10	6477	65.15	449
41.10	256	49.15	9943	58.05	133	65.40	51
42.00	45	50.15	45421	58.40	52	66.00	73
42.90	73	51.15	13602	60.00	1421	66.90	176
43.10	131	52.00	499	60.15	392	67.10	323
44.10	3185	52.30	60	61.10	9794	68.10	17275

Average of 16.391 to 16.405 min.: Q1089.D\data.ms
BFB (M016)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
69.10	17056	78.00	372	85.80	52	96.10	7344
70.05	1726	78.30	144	86.20	64	97.05	113
71.80	75	79.00	6694	87.05	5655	102.70	60
72.10	573	79.90	639	88.05	5227	103.95	649
73.15	7432	80.05	1197	88.90	47	104.95	140
74.10	26360	81.00	7114	90.90	302	105.15	129
75.10	71357	82.00	1539	91.05	411	105.90	260
76.10	5555	82.90	233	92.05	3853	106.00	357
76.80	77	83.90	57	93.15	5954	106.90	164
77.05	961	84.10	52	94.10	14518	107.05	113
77.70	91	84.80	52	95.10	116463	109.90	61

Average of 16.391 to 16.405 min.: Q1089.D\data.ms
BFB (M016)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
110.85	204	118.00	592	131.00	65	144.85	149
111.70	112	118.75	168	132.60	142	145.10	123
112.10	56	119.00	676	134.85	336	145.70	153
112.80	60	119.90	49	136.75	140	146.30	48
113.10	48	124.70	50	137.10	50	147.80	122
114.90	140	127.80	287	138.80	59	148.20	80
115.60	136	128.00	54	140.95	1813	149.00	50
115.95	585	128.80	50	141.30	71	150.00	122
116.80	296	129.05	192	141.60	59	154.70	53
117.05	827	129.60	52	141.95	187	155.00	45
117.50	89	129.90	374	143.00	2179	156.00	46

Average of 16.391 to 16.405 min.: Q1089.D\data.ms
BFB (M016)

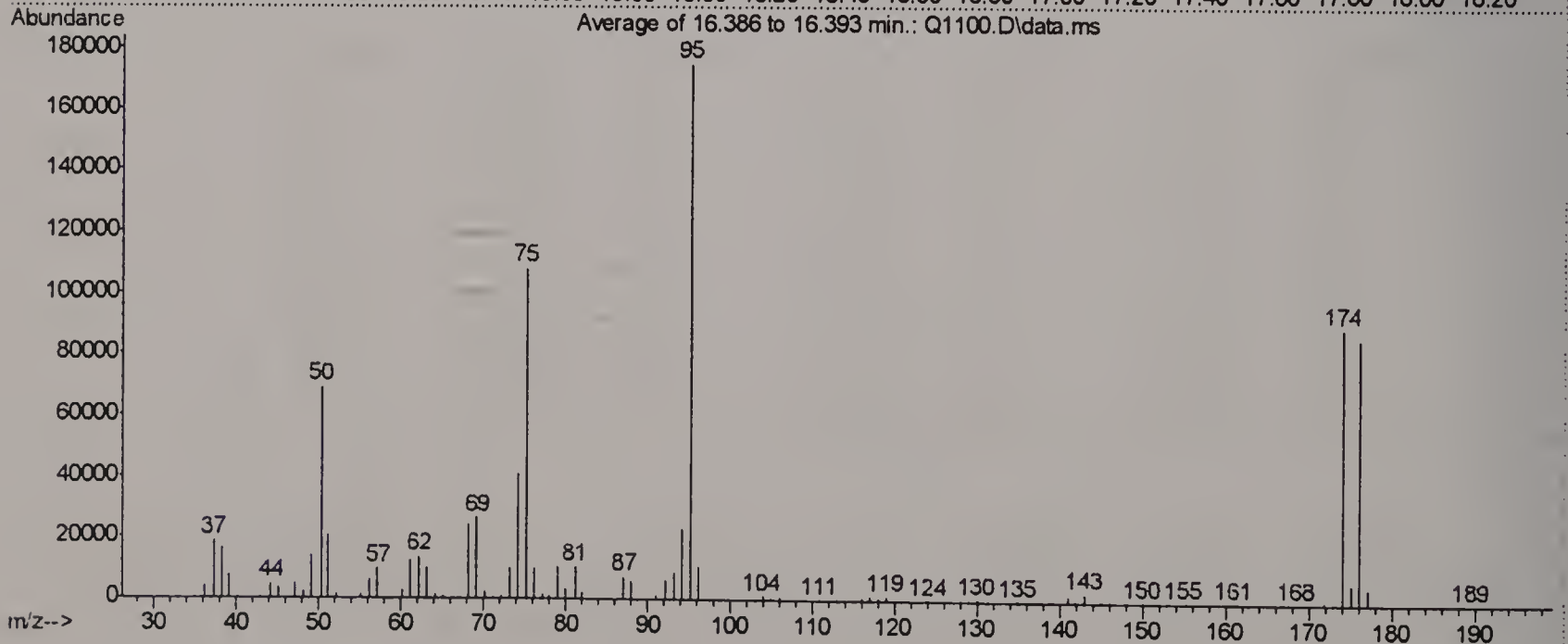
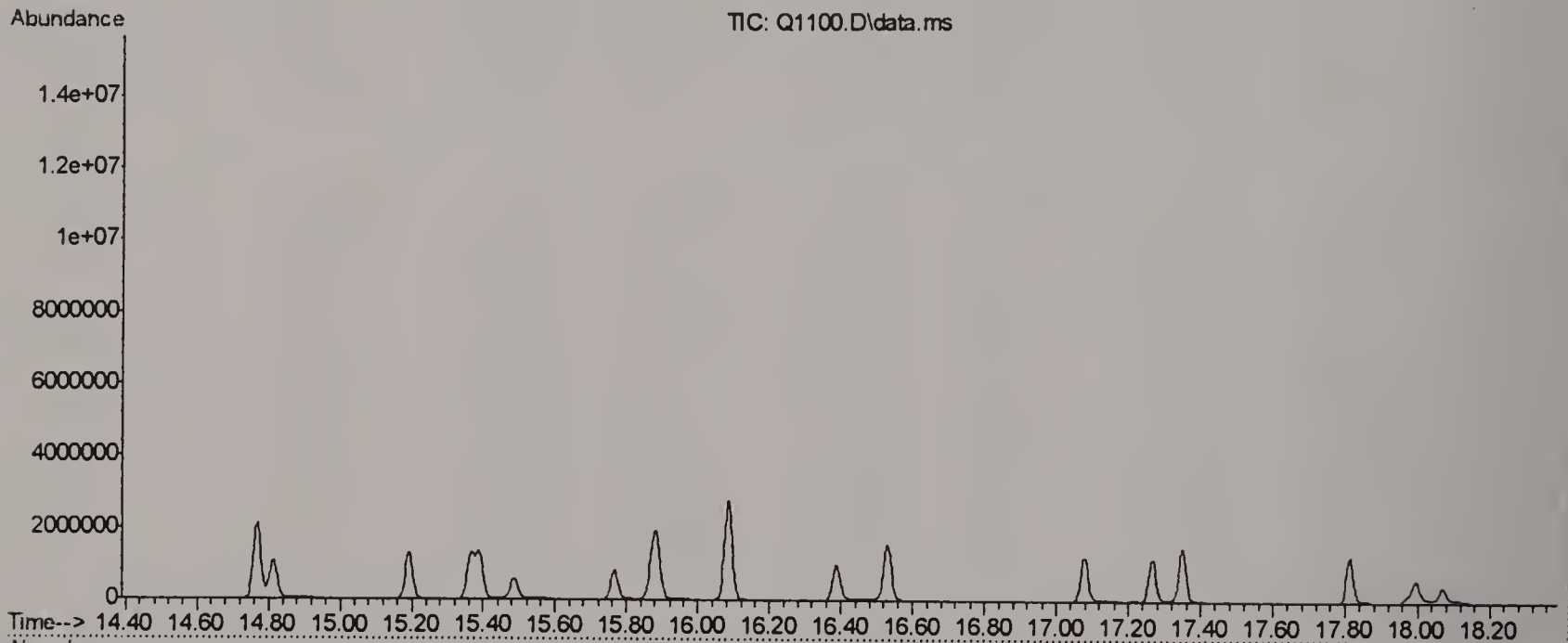
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.95	194	175.05	4669				
159.05	151	176.00	57653				
160.90	60	176.95	3087				
170.40	47	177.20	103				
171.00	168	178.00	55				
171.95	313	223.40	44				
172.20	80	253.10	64				
172.40	57	260.00	48				
172.70	301	273.00	47				
173.15	346	279.80	47				
174.00	60091						

BFB

Data File : C:\msdchem\1\DATA\Q1100.D
Acq On : 19 Jul 2006 9:15 am
Sample : BFB (M016)
Misc : MS11802,MSQ58,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: DougY
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q071806T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.386 to 16.393 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	39.5	69086	PASS
75	95	30	66	61.8	108073	PASS
95	95	100	100	100.0	174771	PASS
96	95	5	9	6.0	10548	PASS
173	174	0.00	2	0.6	577	PASS
174	95	50	120	51.2	89568	PASS
175	174	4	9	7.1	6320	PASS
176	174	93	101	95.8	85763	PASS
177	176	5	9	6.0	5145	PASS

Average of 16.386 to 16.393 min.: Q1100.D\data.ms
CC57-10 (M016)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	4123	47.05	4782	58.20	114	70.05	2248
37.20	18755	48.05	2369	60.10	2571	72.05	1045
38.20	16764	49.10	13775	61.15	12715	73.10	9974
39.15	7461	50.20	69086	62.15	13523	74.10	40745
39.90	135	51.15	20393	63.15	10058	75.10	108073
40.05	483	52.05	1200	64.05	1432	76.10	9988
41.10	228	53.05	224	65.15	716	77.10	1217
43.00	449	54.10	162	67.10	621	77.80	119
44.15	4515	55.05	1222	67.30	116	78.05	1018
45.10	3507	56.15	6134	68.10	24081	79.05	10529
46.05	404	57.15	9794	69.15	26272	79.95	3223

Average of 16.386 to 16.393 min.: Q1100.D\data.ms
CC57-10 (M016)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.10	10313	94.10	22955	112.70	116	126.00	144
82.05	2191	95.10	174771	113.00	289	127.90	173
83.30	215	96.15	10548	114.70	179	128.05	275
85.70	100	97.10	103	115.00	138	128.95	272
85.90	86	103.00	80	115.30	102	129.95	772
87.05	7366	103.95	1208	115.95	964	130.90	124
88.05	5815	104.70	82	116.95	1360	131.10	105
90.40	97	104.95	257	117.95	813	134.20	100
91.00	1402	106.00	1029	119.00	1493	134.90	366
92.10	6134	106.80	91	123.80	107	135.10	118
93.15	8511	110.90	346	124.05	240	136.00	80

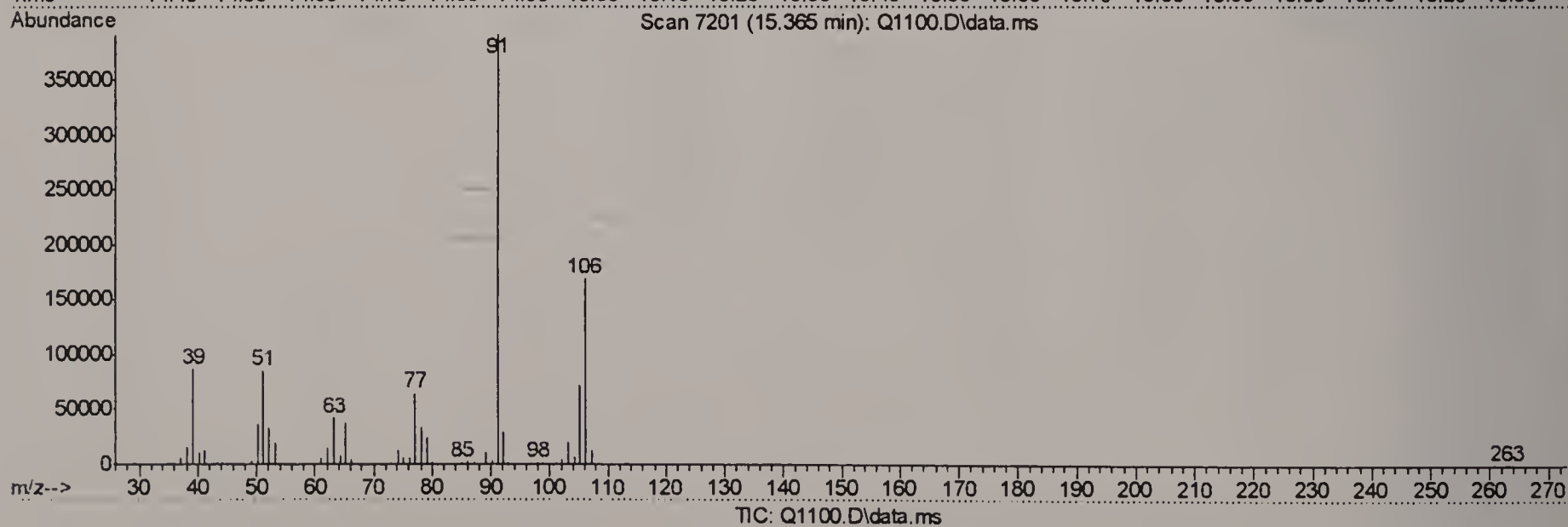
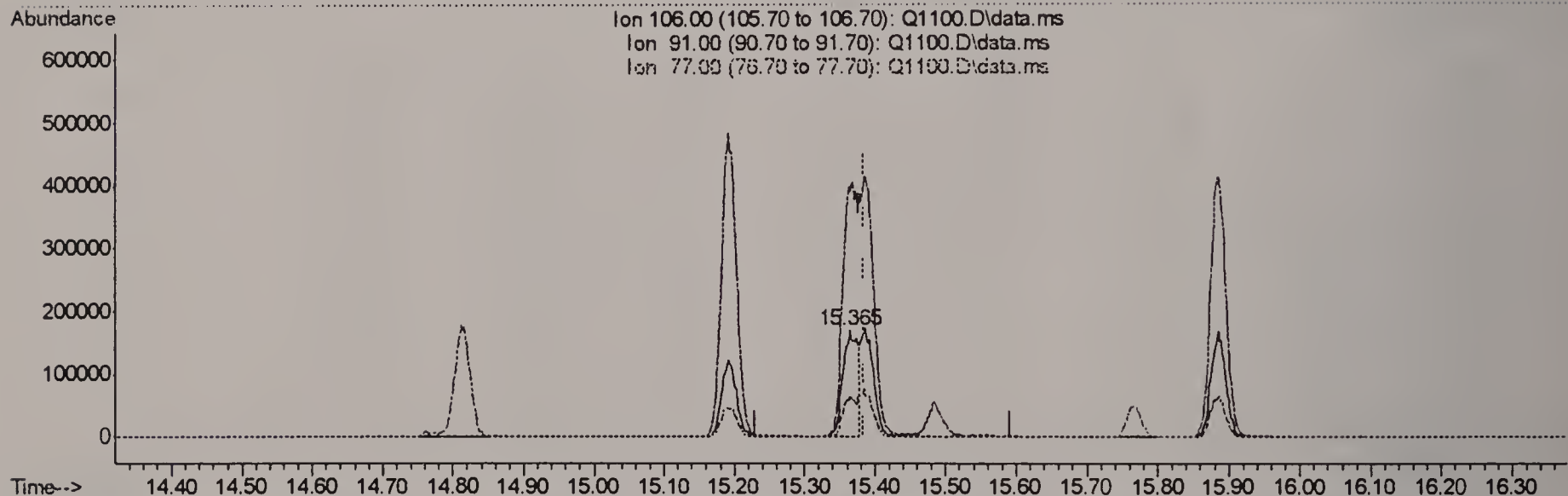
Average of 16.386 to 16.393 min.: Q1100.D\data.ms
CC57-10 (M016)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.80	347	149.95	278	172.80	281		
139.20	137	153.90	113	173.10	577		
141.00	2433	154.70	122	174.00	89568		
141.90	399	154.95	212	175.05	6320		
143.00	2896	156.80	182	176.00	85763		
145.00	267	157.10	134	177.05	5145		
145.70	83	161.00	100	189.40	94		
146.00	260	168.40	135				
147.70	80	170.00	91				
148.00	250	171.25	229				
148.90	86	171.85	1027				

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1100.D
 Acq On : 19 Jul 2006 9:15 am
 Operator : DougY
 Sample : CC57-10 (M016)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:25:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.021) 11.70PPBV

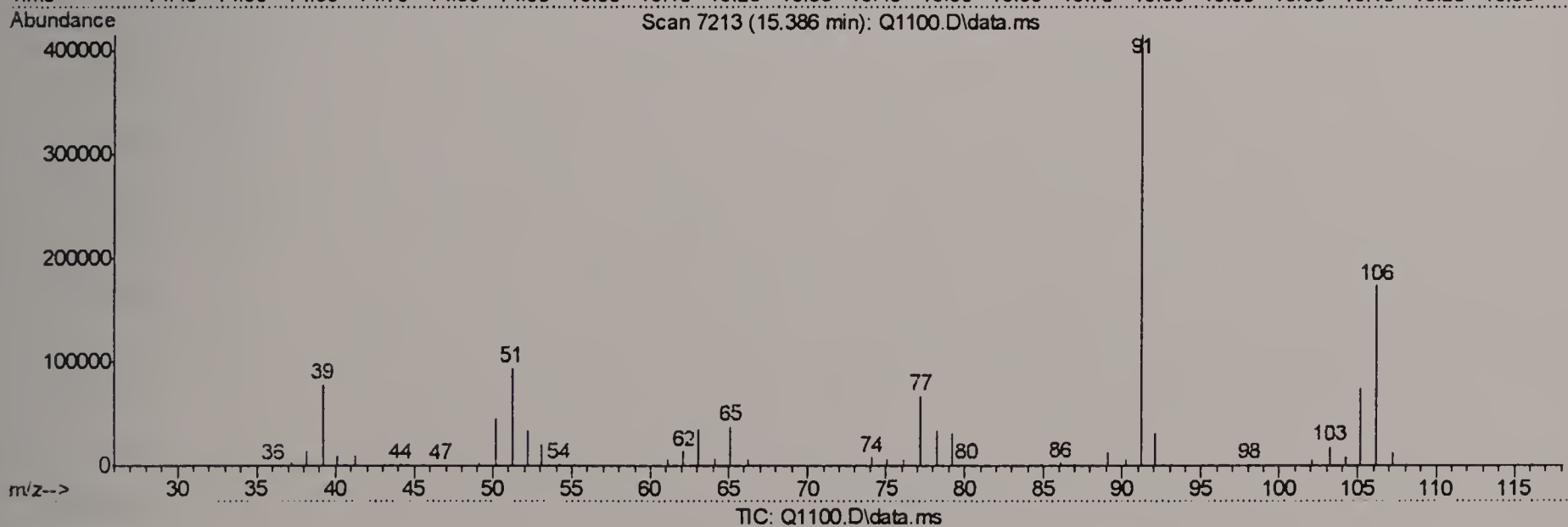
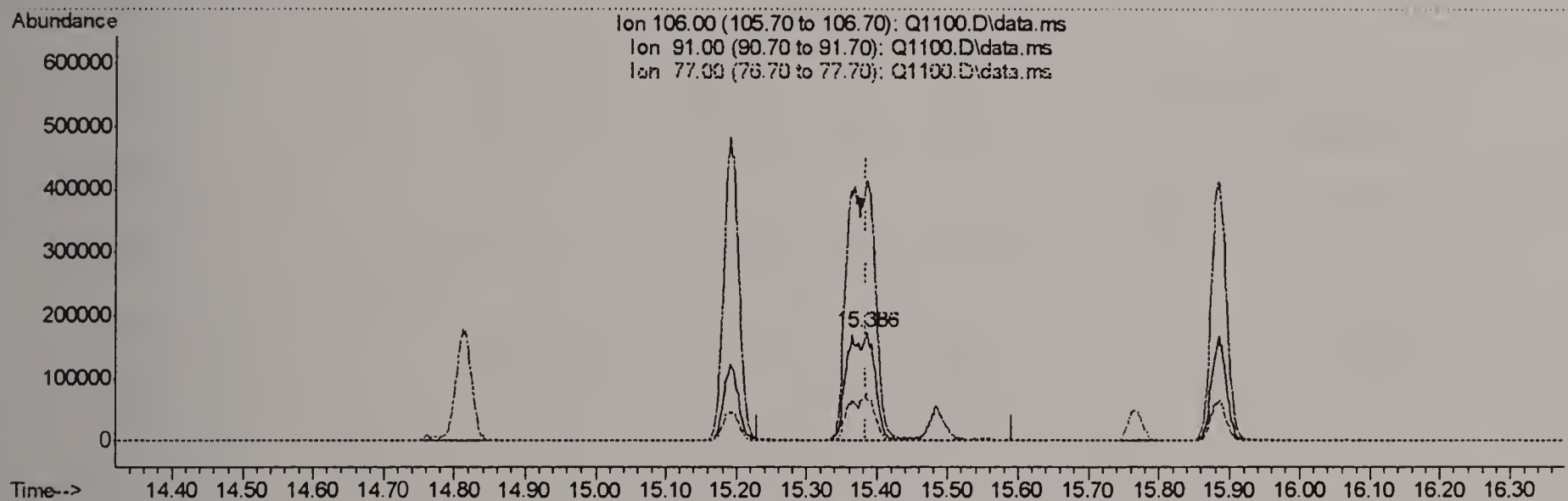
response 250381

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	231.08
77.00	39.30	38.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1100.D
 Acq On : 19 Jul 2006 9:15 am
 Operator : DougY
 Sample : CC57-10 (M016)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 20 08:25:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



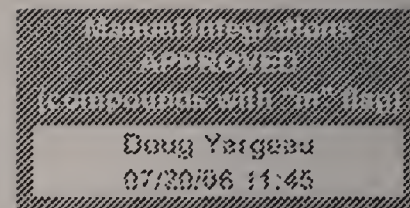
(56) m,p-XYLENE (m)

15.386min (+0.000) 20.09PPBV m

response 469755

Ion	Exp%	Act%
106.00	100	100
91.00	220.90	240.41
77.00	39.30	39.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1103.D
 Acq On : 19 Jul 2006 12:00 pm
 Operator : DougY
 Sample : MB (M018)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 09:19:21 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.692	128	185829	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.520	114	694706	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.765	117	518018	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE 16.386 95 156846 4.02 PPBV 0.00
 Spiked Amount 5.000 Range 57 - 139 Recovery = 80.40%

Target Compounds

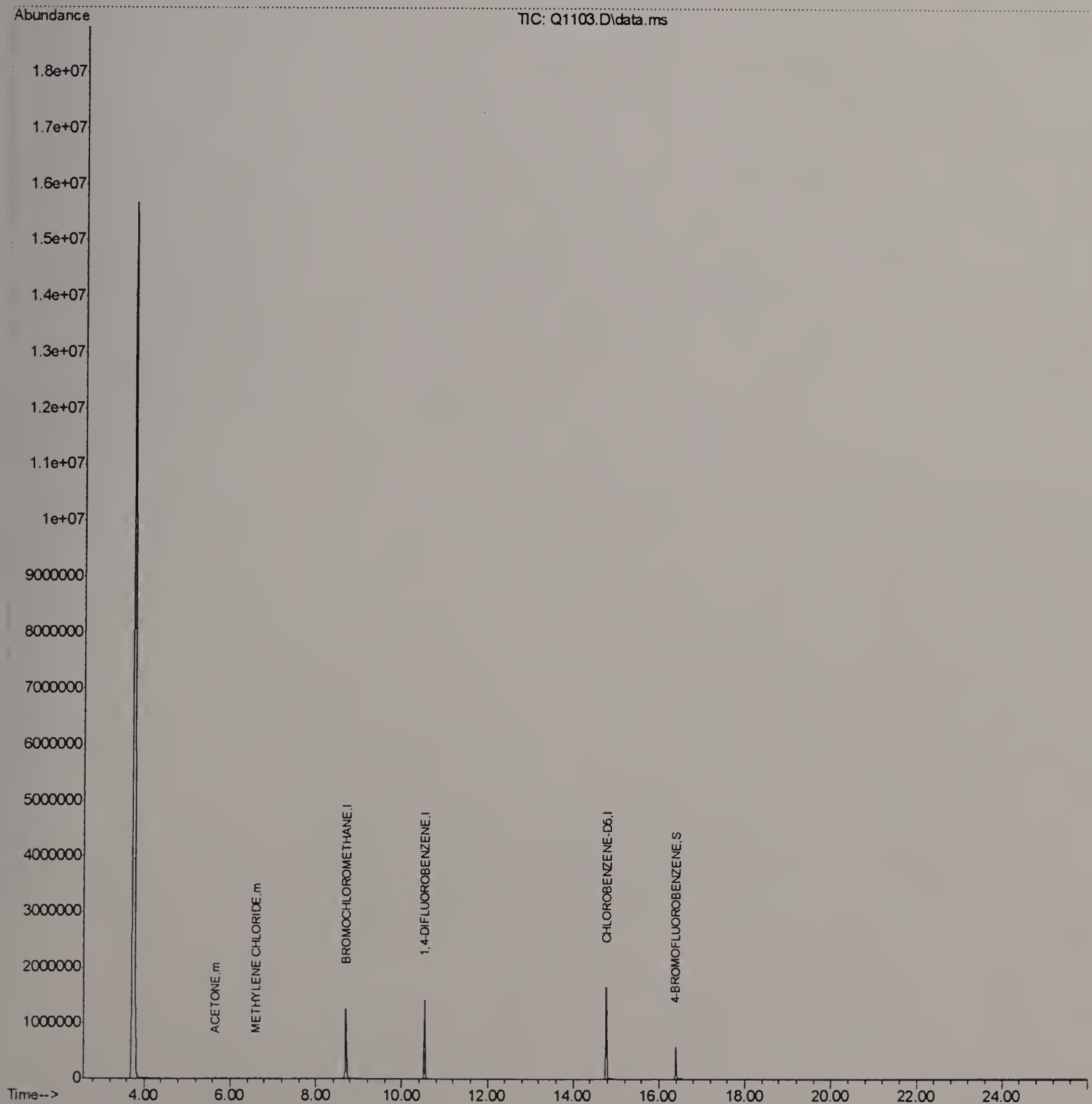
	R.T.	QIon	Response	Conc	Units	Qvalue
12) ACETONE	5.650	43	35910	0.49	PPBV	78
18) METHYLENE CHLORIDE	6.580	84	5684m	0.25	PPBV	

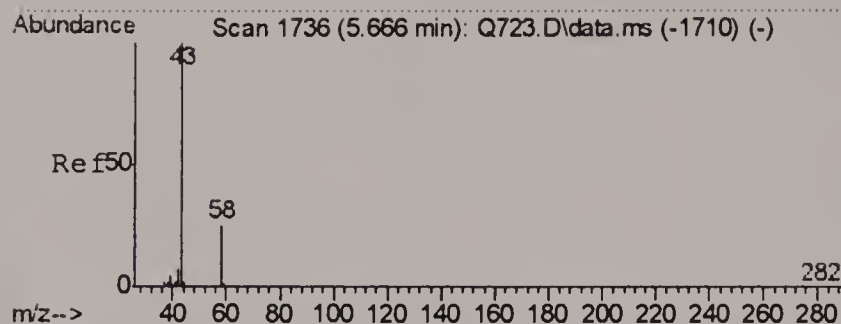
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1103.D
 Acq On : 19 Jul 2006 12:00 pm
 Operator : DougY
 Sample : MB (M018)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

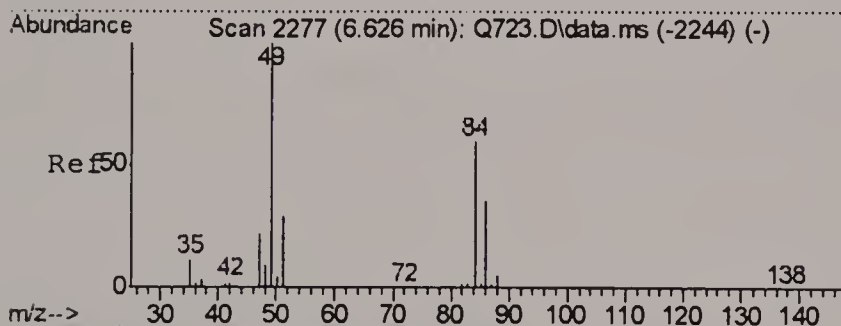
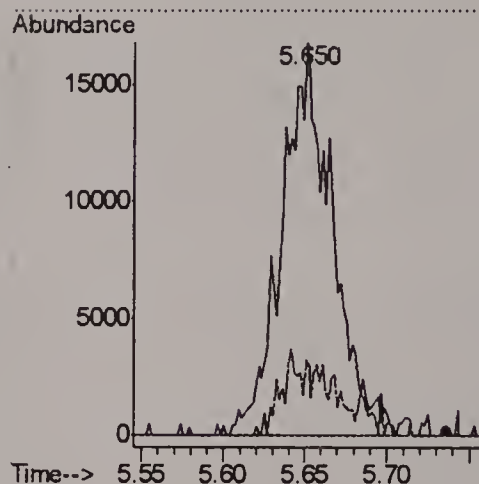
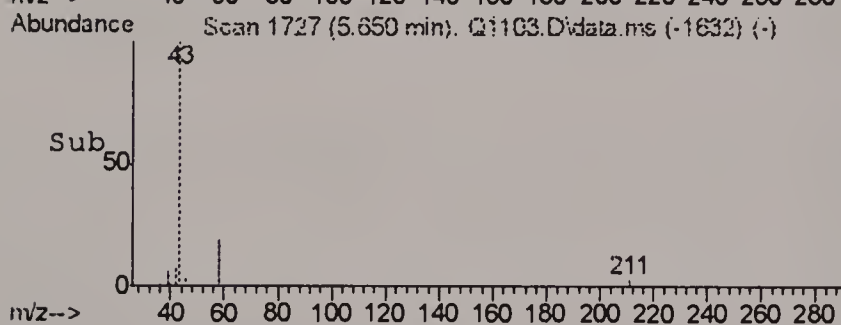
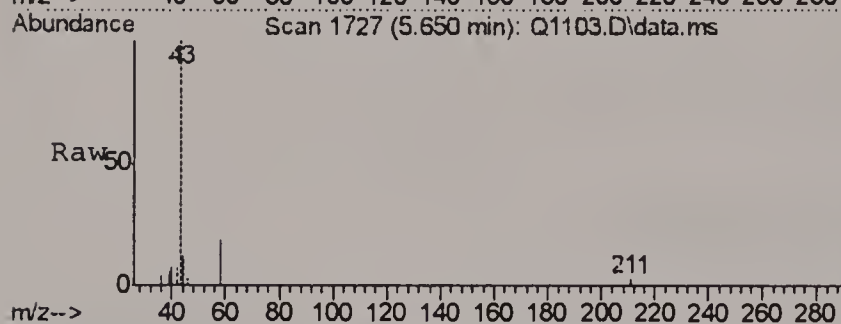
Quant Time: Jul 20 09:19:21 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration





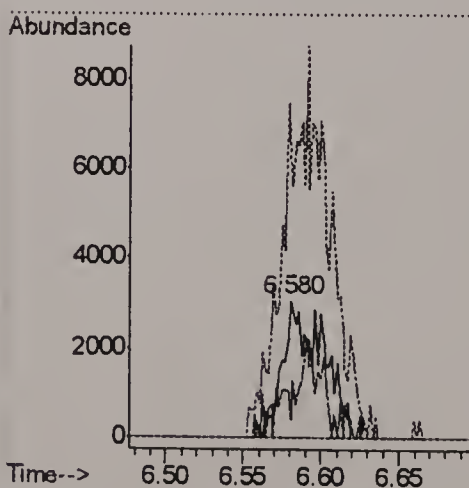
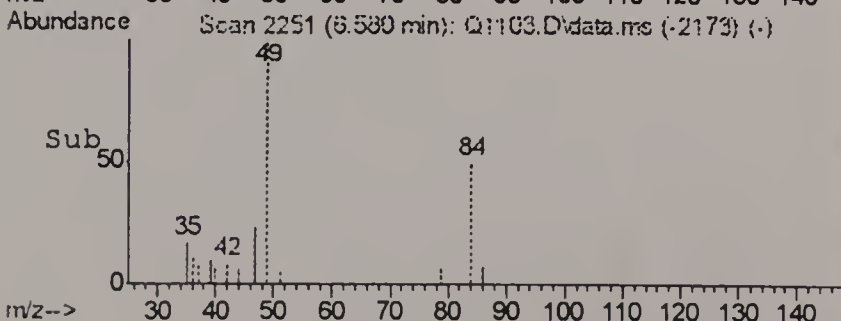
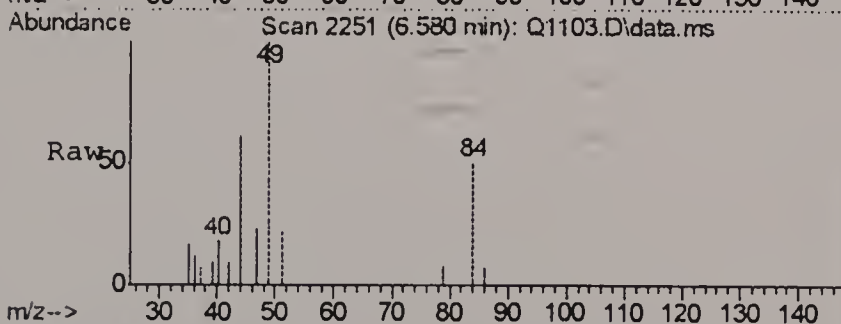
#12
ACETONE
Concen: 0.49 PPBV
RT: 5.650 min Scan# 1727
Delta R.T. 0.014 min
Lab File: Q1103.D
Acq: 19 Jul 2006 12:00 pm

Tgt Ion: 43 Resp: 35910
Ion Ratio Lower Upper
43 100
58 7.7 0.0 37.4



#18
METHYLENE CHLORIDE
Concen: 0.25 PPBV m
RT: 6.580 min Scan# 2251
Delta R.T. -0.012 min
Lab File: Q1103.D
Acq: 19 Jul 2006 12:00 pm

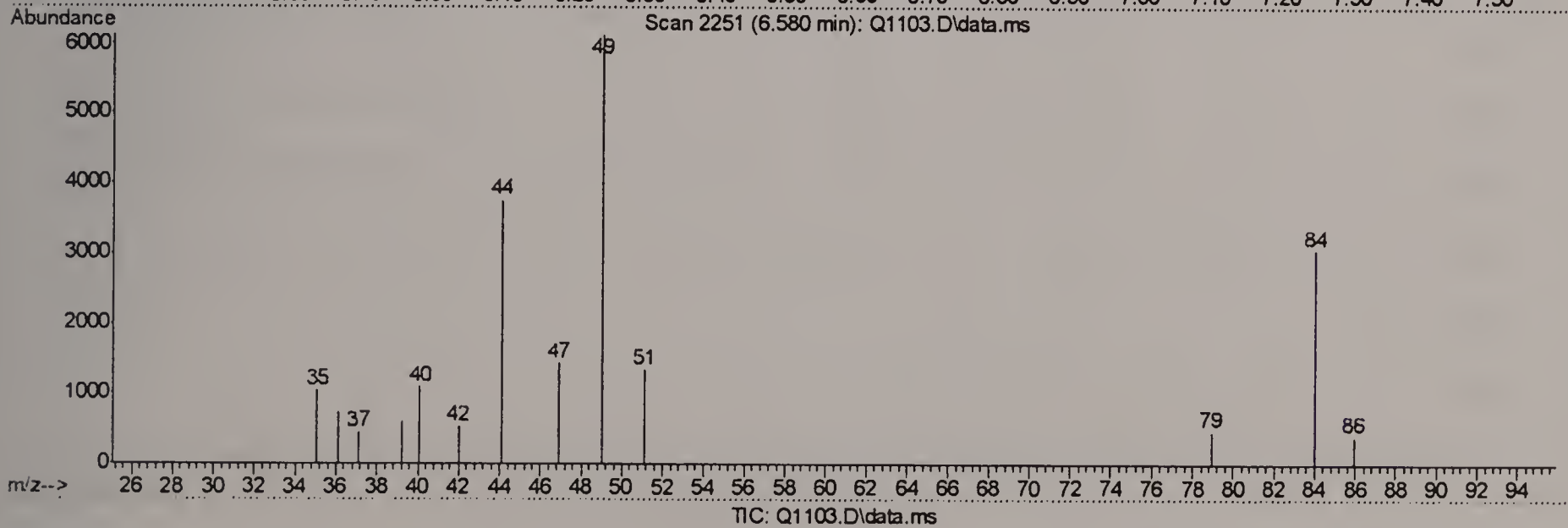
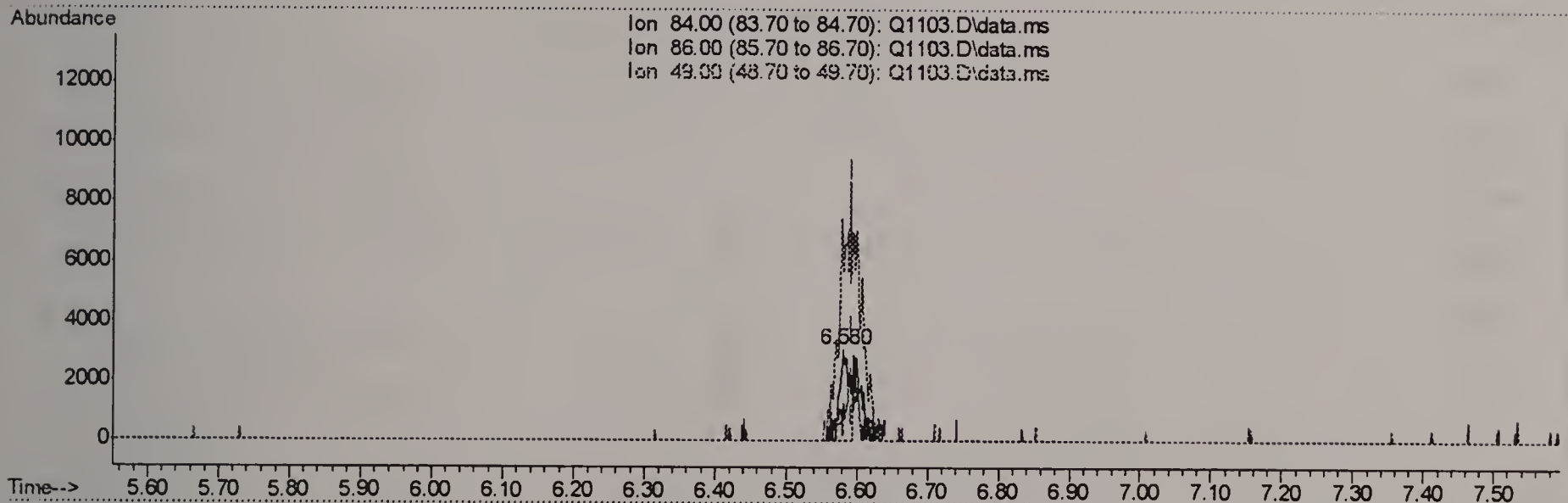
Tgt Ion: 84 Resp: 5684
Ion Ratio Lower Upper
84 100
86 10.2 44.2 84.2#
49 0.0 119.3 519.3#



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1103.D
 Acq On : 19 Jul 2006 12:00 pm
 Operator : DougY
 Sample : MB (M018)
 Misc : MS11802,MSQ58,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 12:27:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Wed Jul 19 08:09:43 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.580min (-0.012) 0.15PPBV

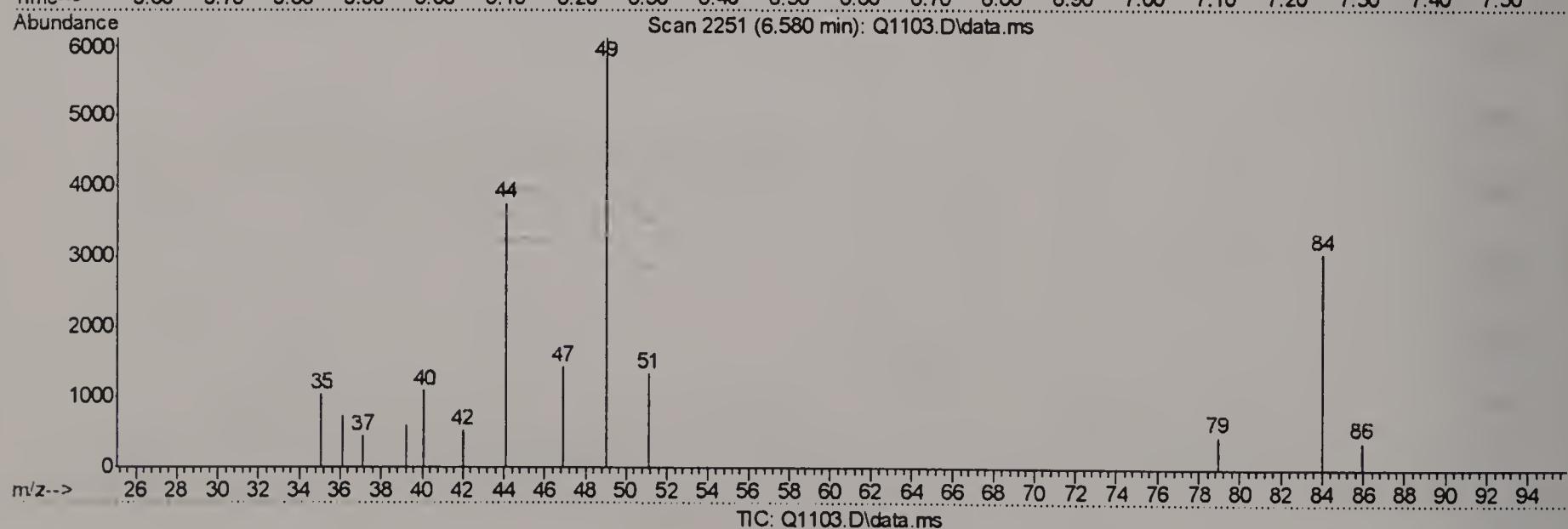
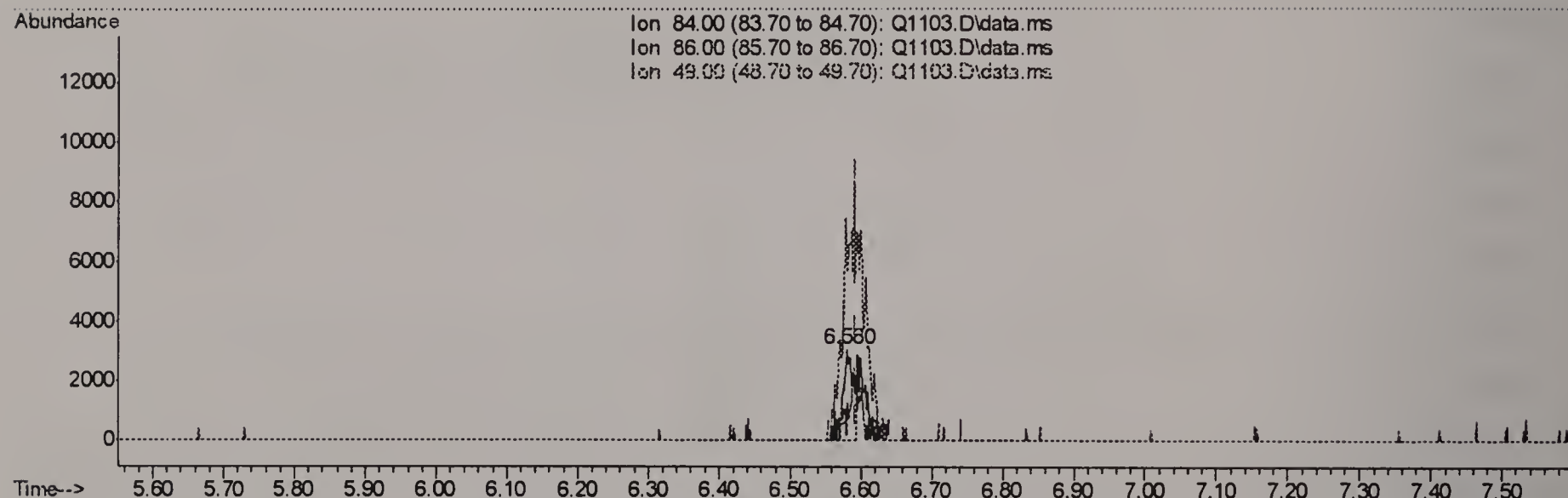
response 3405

Ion	Exp%	Act%
84.00	100	100
86.00	64.20	17.03#
49.00	319.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1103.D
 Acq On : 19 Jul 2006 12:00 pm
 Operator : DougY
 Sample : MB (M018)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 08:26:52 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.580min (-0.012) 0.15PPBV

response 3405

Ion	Exp%	Act%
84.00	100	100
86.00	64.20	17.03#
49.00	319.30	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1106.D
 Acq On : 19 Jul 2006 2:23 pm
 Operator : DougY
 Sample : M57573-1DUP (M073)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 09:24:30 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.694	128	172964	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.524	114	699206	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.767	117	565255	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	168352	3.95	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	79.00%

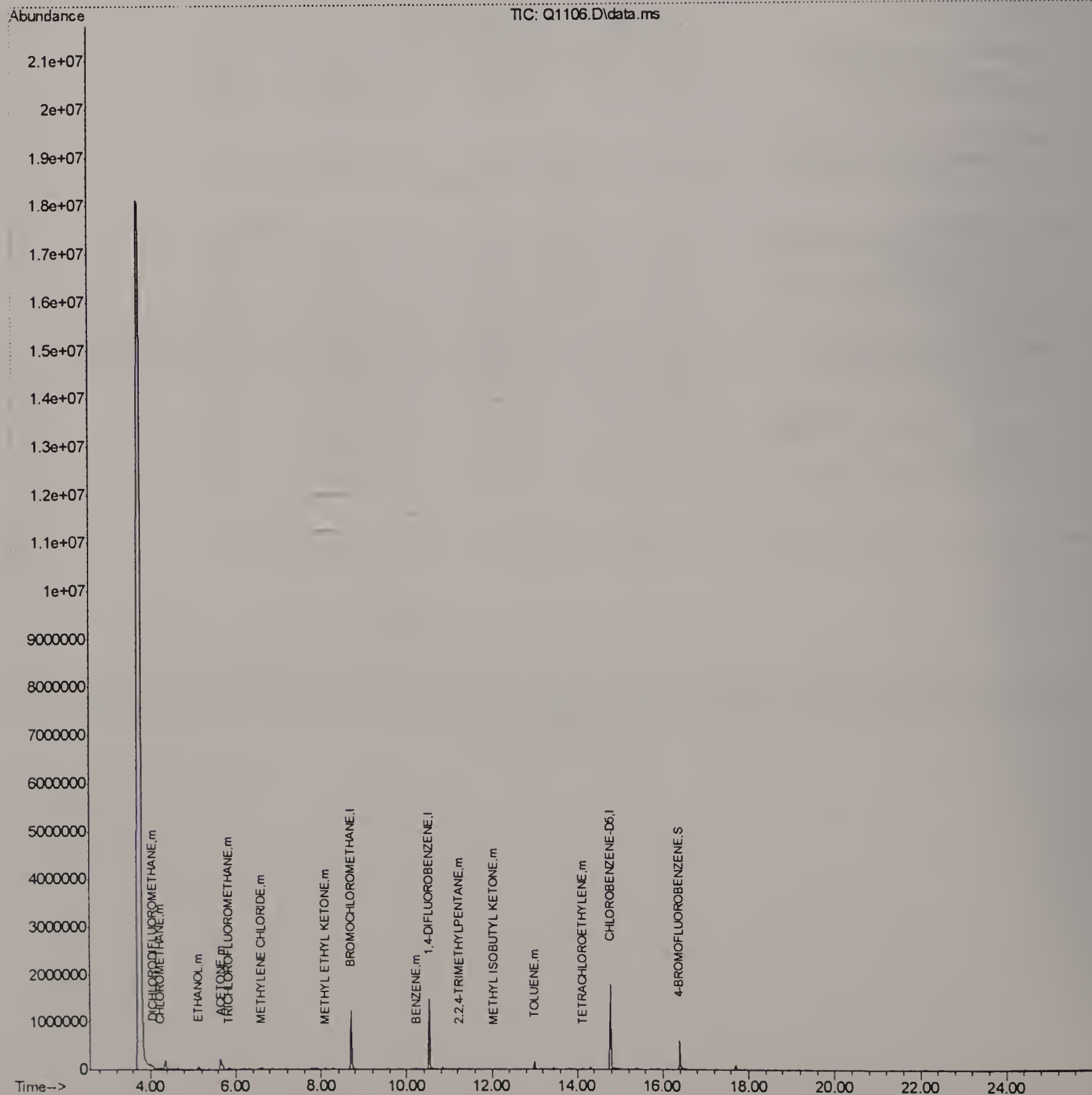
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.055	85	62228	0.64	PPBV	88
5) CHLOROMETHANE	4.230	50	32122	0.72	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.838	101	40680	0.41	PPBV	99
12) ACETONE	5.641	43	397861	5.79	PPBV	99
16) ETHANOL	5.137	45	106937	8.13	PPBV	96
18) METHYLENE CHLORIDE	6.592	84	12092	0.58	PPBV #	92
28) METHYL ETHYL KETONE	8.094	43	45609	0.74	PPBV	91
36) BENZENE	10.215	78	14291	0.32	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.237	57	21103	0.15	PPBV	80
44) METHYL ISOBUTYL KETONE	12.045	43	10450	0.15	PPBV	90
46) TOLUENE	12.987	92	42416	2.08	PPBV	99
51) TETRACHLOROETHYLENE	14.114	164	2870	0.23	PPBV	93

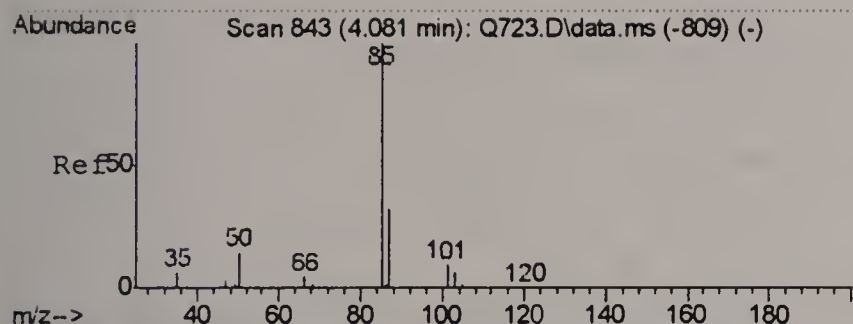
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

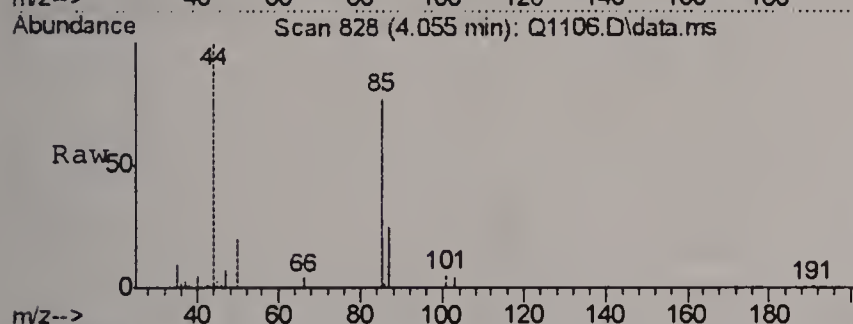
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 Data File : Q1106.D
 Acq On : 19 Jul 2006 2:23 pm
 Operator : DougY
 Sample : M57573-1DUP (M073)
 Misc : MS11822,MSQ58,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 09:24:30 2006
 Quant Method : C:\msdchem\1\METHODS\Q071806T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Thu Jul 20 08:14:57 2006
 Response via : Initial Calibration



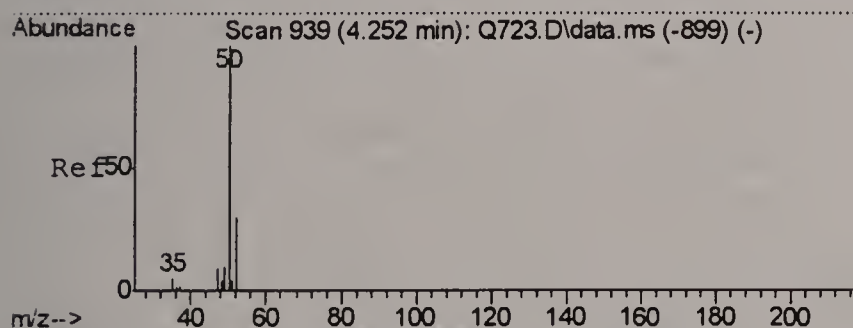
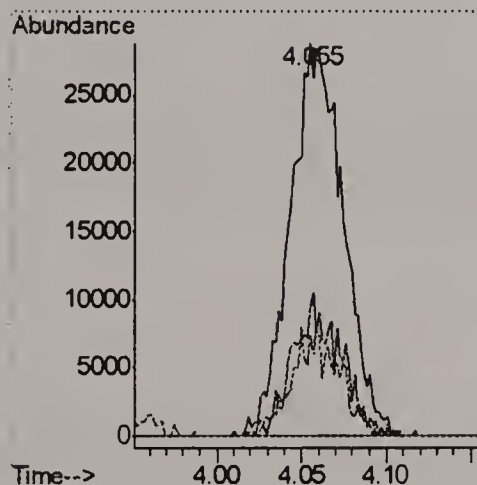
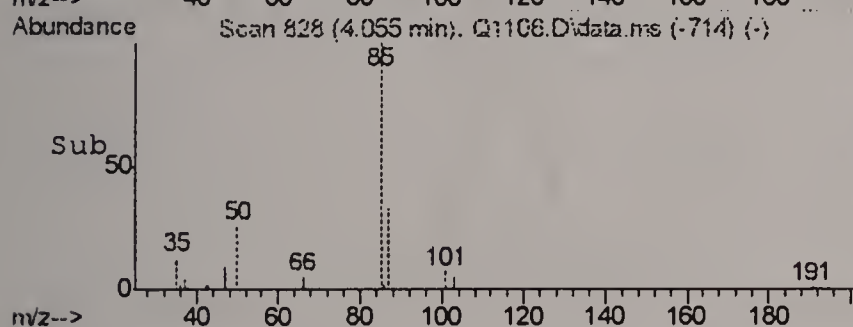


#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.64 PPBV
 RT: 4.055 min Scan# 828
 Delta R.T. -0.004 min
 Lab File: Q1106.D
 Acq: 19 Jul 2006 2:23 pm

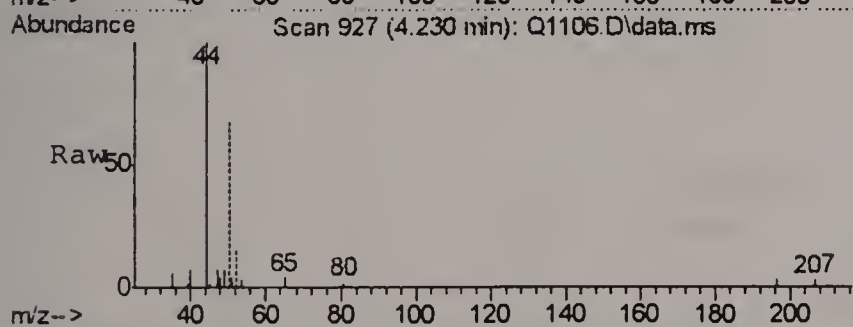


Tgt Ion: 85 Resp: 62228

Ion	Ratio	Lower	Upper
85	100		
87	31.1	12.1	52.1
50	8.7	1.6	41.6

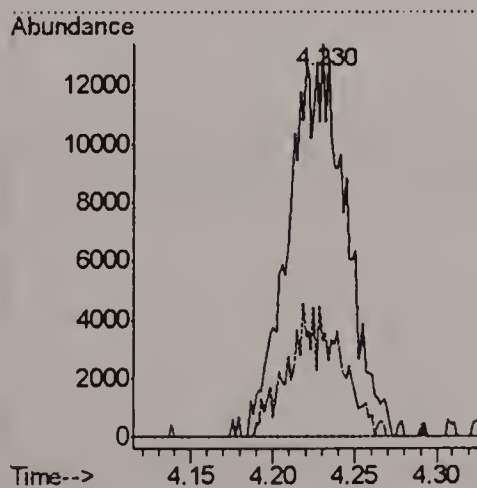
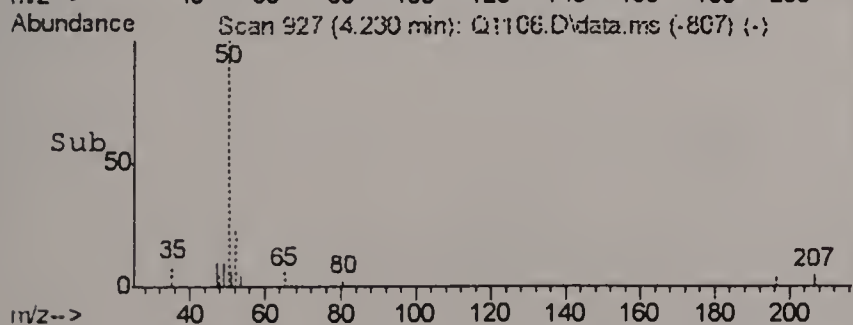


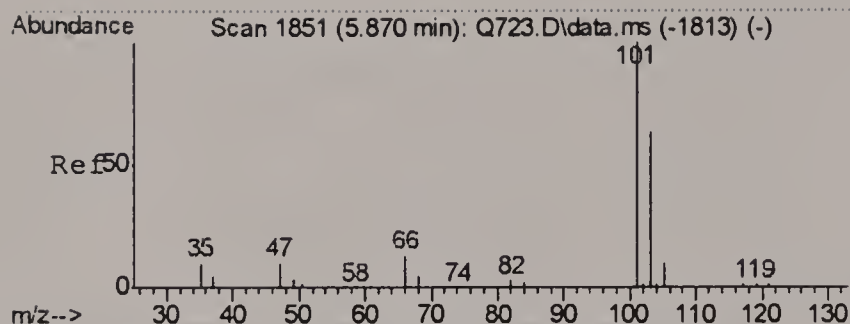
#5
 CHLOROMETHANE
 Concen: 0.72 PPBV
 RT: 4.230 min Scan# 927
 Delta R.T. 0.007 min
 Lab File: Q1106.D
 Acq: 19 Jul 2006 2:23 pm



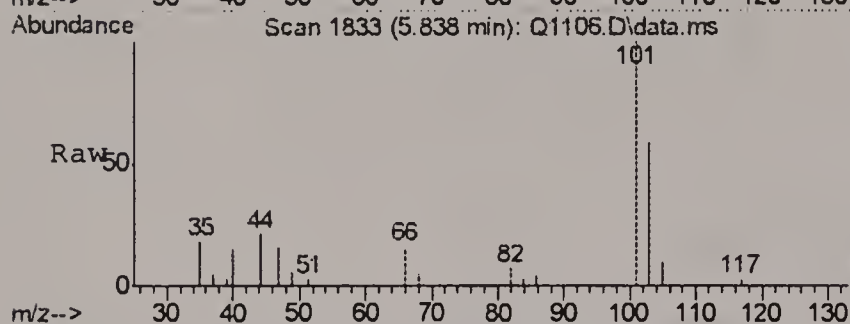
Tgt Ion: 50 Resp: 32122

Ion	Ratio	Lower	Upper
50	100		
52	24.3	7.1	47.1

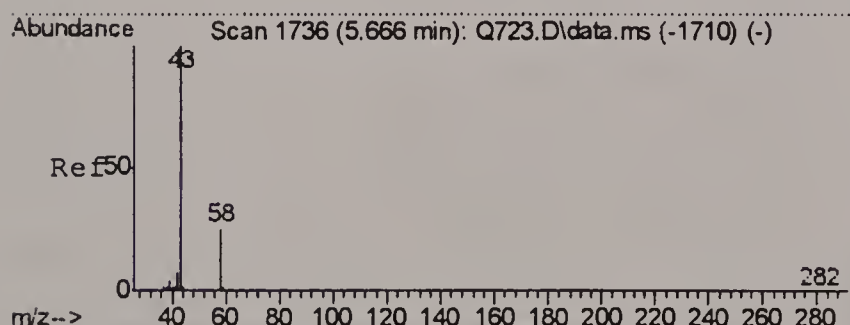
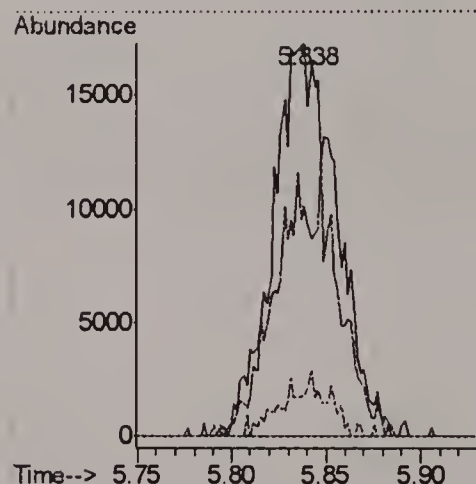
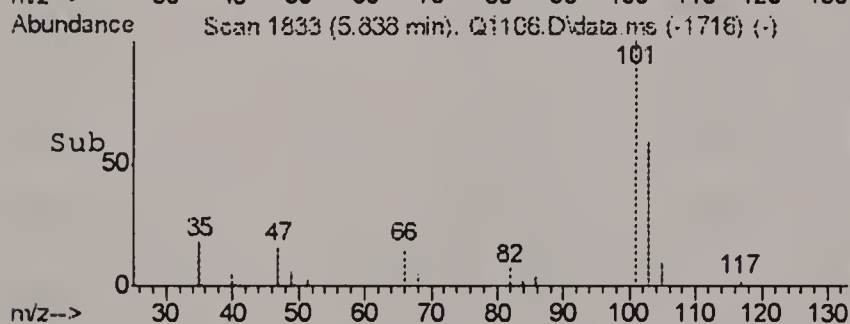




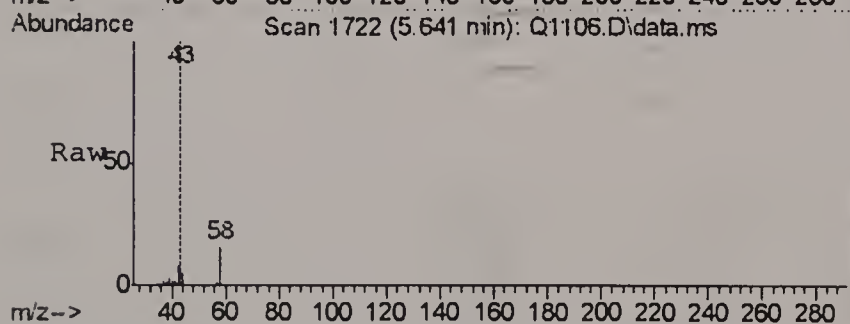
#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.41 PPBV
 RT: 5.838 min Scan# 1833
 Delta R.T. 0.002 min
 Lab File: Q1106.D
 Acq: 19 Jul 2006 2:23 pm



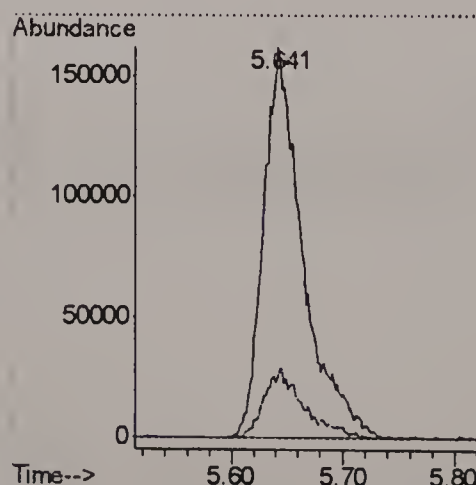
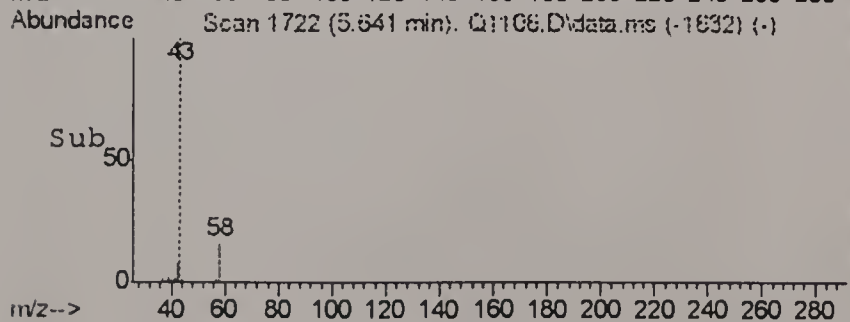
Tgt Ion: 101 Resp: 40680
 Ion Ratio Lower Upper
 101 100
 103 64.9 44.2 84.2
 105 11.2 0.0 30.2

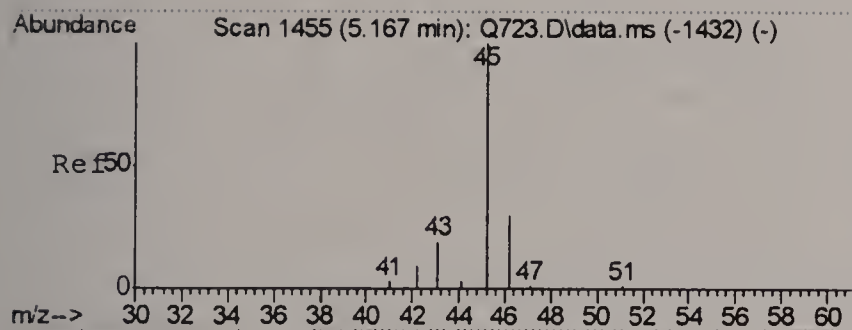


#12
 ACETONE
 Concen: 5.79 PPBV
 RT: 5.641 min Scan# 1722
 Delta R.T. 0.005 min
 Lab File: Q1106.D
 Acq: 19 Jul 2006 2:23 pm



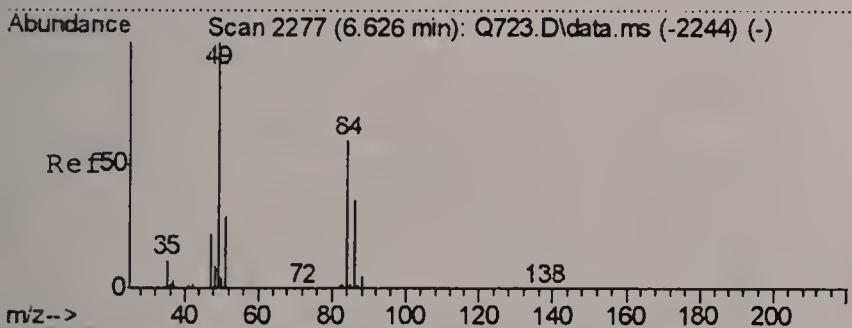
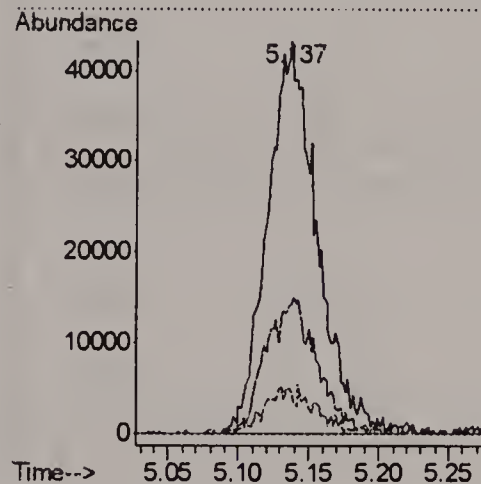
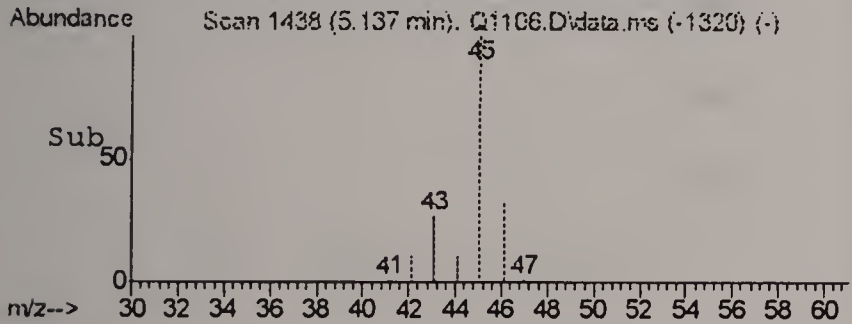
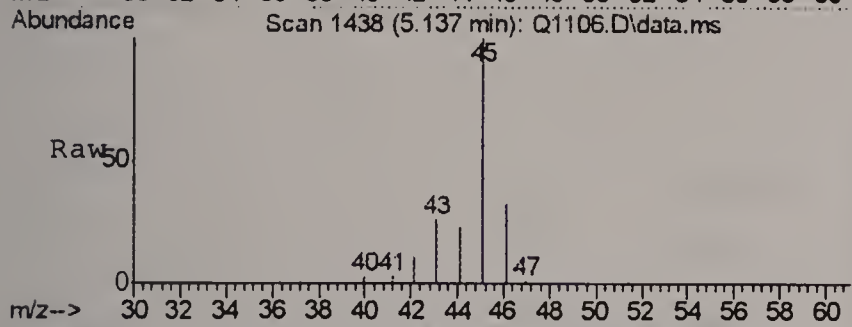
Tgt Ion: 43 Resp: 397861
 Ion Ratio Lower Upper
 43 100
 58 17.7 0.0 37.4





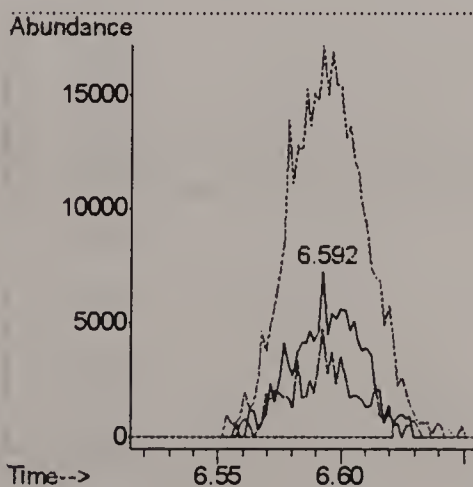
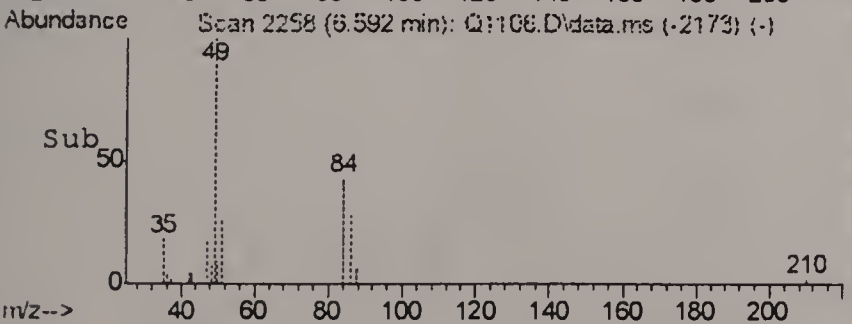
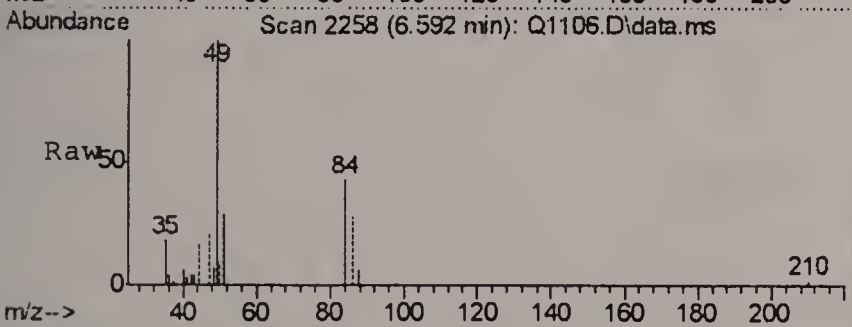
#16
 ETHANOL
 Concen: 8.13 PPBV
 RT: 5.137 min Scan# 1438
 Delta R.T. 0.004 min
 Lab File: Q1106.D
 Acq: 19 Jul 2006 2:23 pm

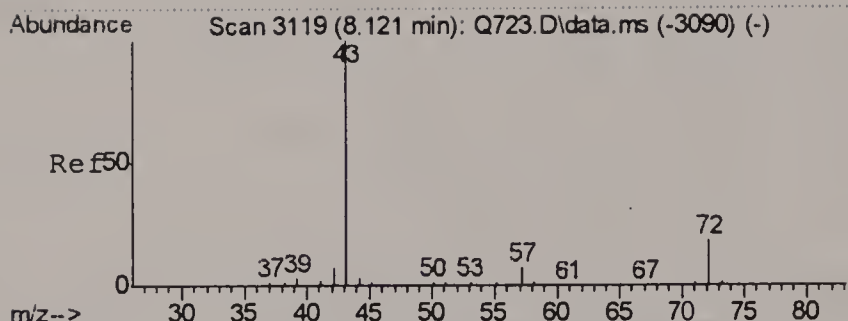
Tgt Ion	Ratio	Lower	Upper
45	100		
46	35.6	13.2	53.2
42	5.0	0.0	26.3



#18
 METHYLENE CHLORIDE
 Concen: 0.58 PPBV
 RT: 6.592 min Scan# 2258
 Delta R.T. 0.000 min
 Lab File: Q1106.D
 Acq: 19 Jul 2006 2:23 pm

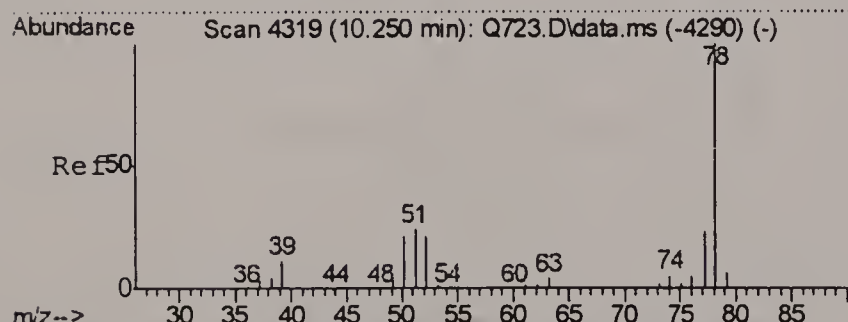
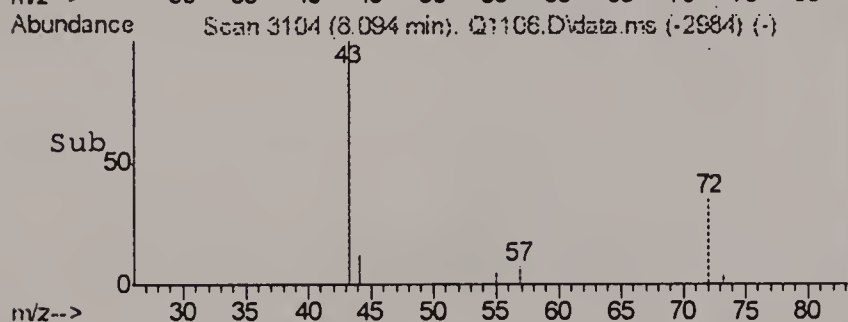
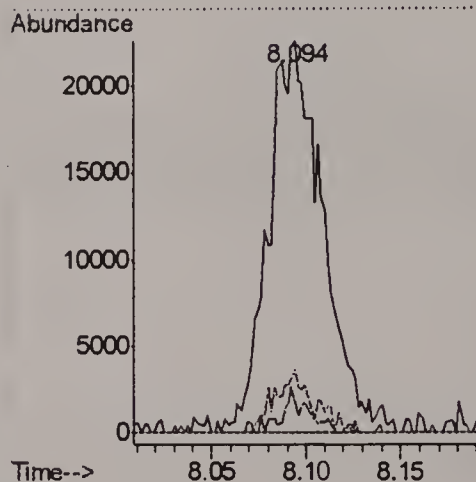
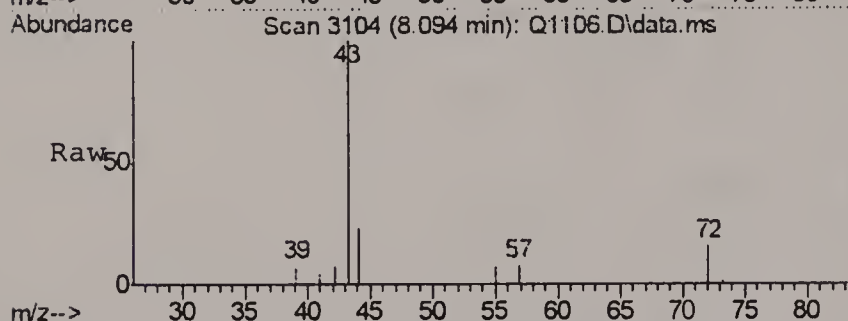
Tgt Ion	Ratio	Lower	Upper
84	100		
86	39.2	44.2	84.2#
49	312.5	119.3	519.3





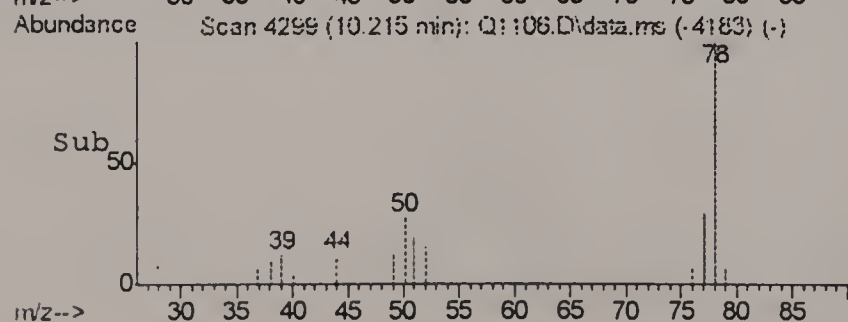
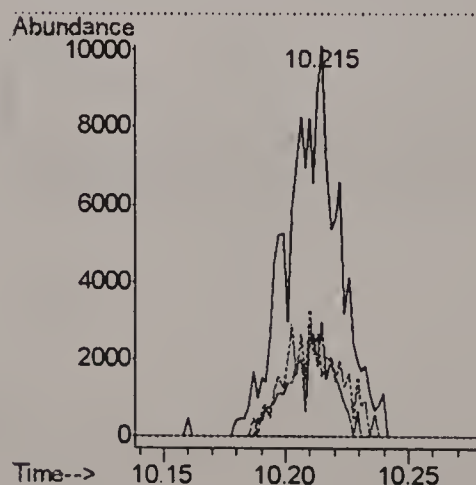
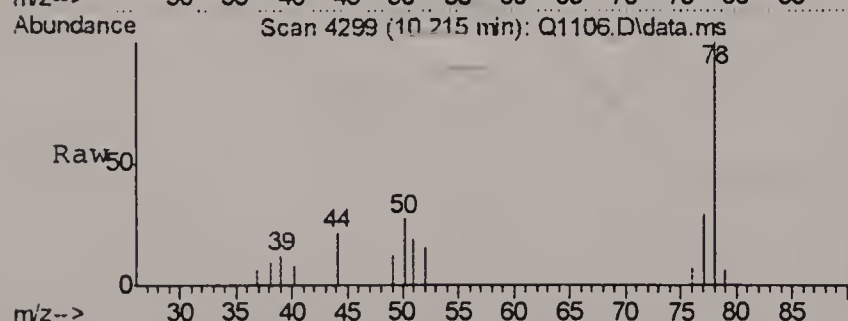
#28
METHYL ETHYL KETONE
Concen: 0.74 PPBV
RT: 8.094 min Scan# 3104
Delta R.T. 0.007 min
Lab File: Q1106.D
Acq: 19 Jul 2006 2:23 pm

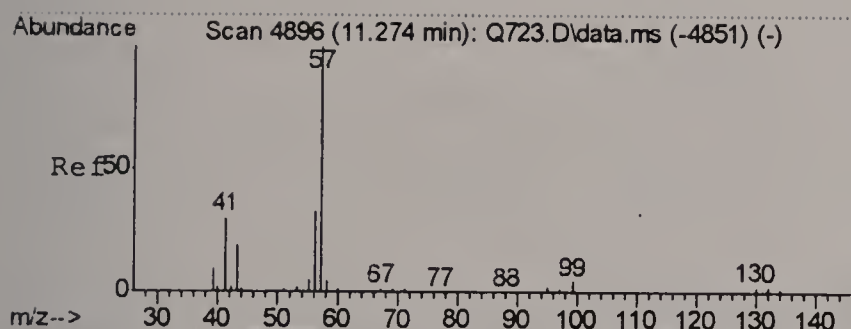
Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	0.0	26.0
72	16.0	0.0	31.5



#36
BENZENE
Concen: 0.32 PPBV
RT: 10.215 min Scan# 4299
Delta R.T. 0.000 min
Lab File: Q1106.D
Acq: 19 Jul 2006 2:23 pm

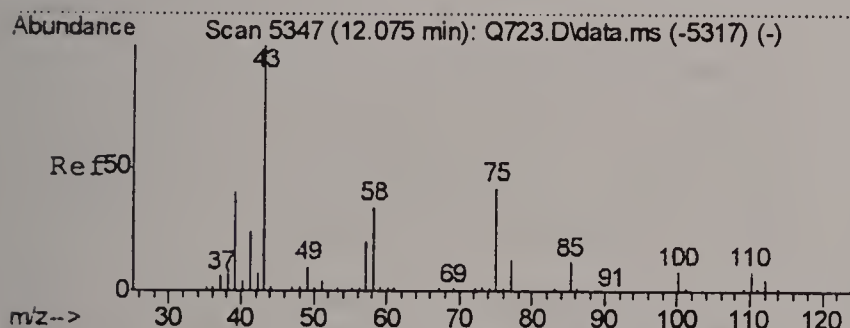
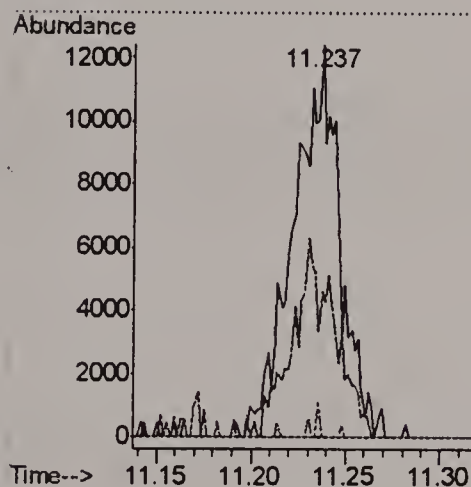
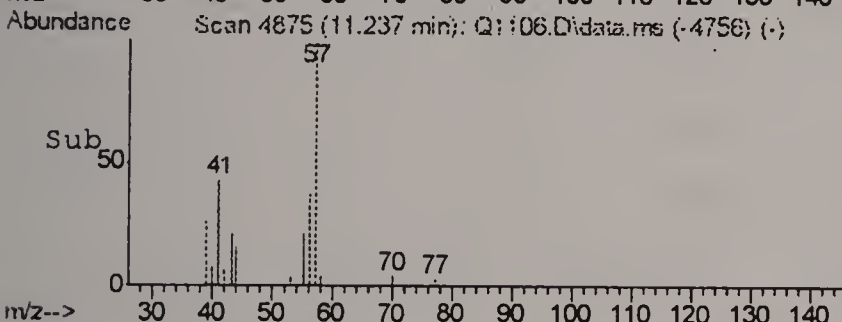
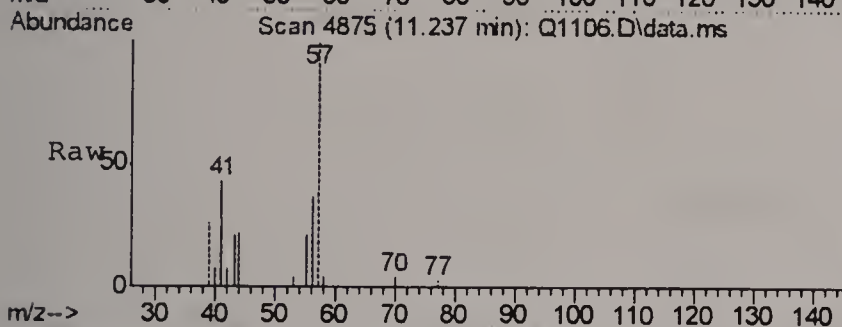
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	4.3	44.3
52	30.5	10.0	50.0





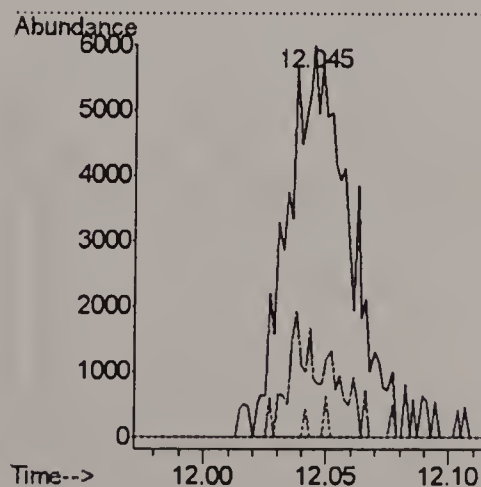
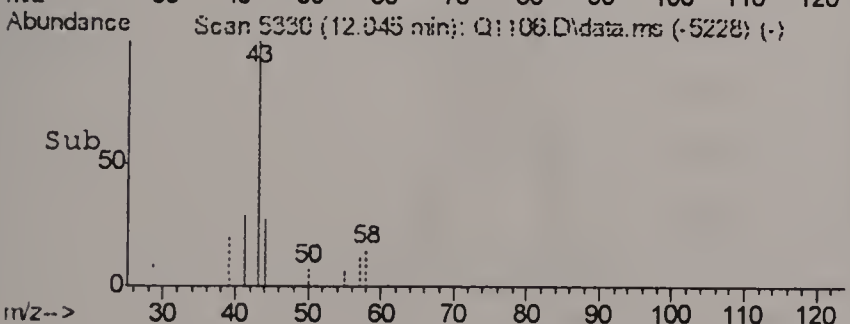
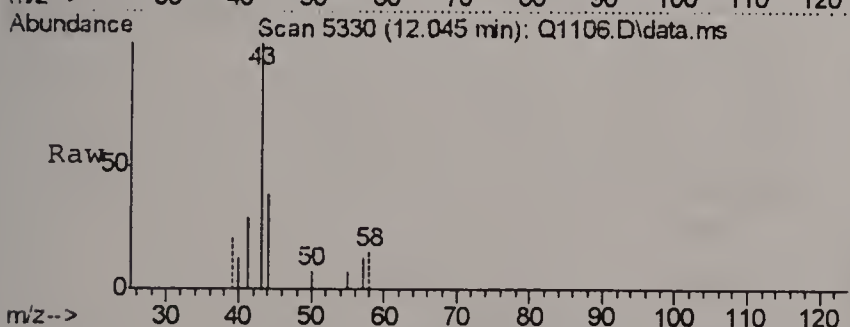
#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.15 PPBV
RT: 11.237 min Scan# 4875
Delta R.T. 0.005 min
Lab File: Q1106.D
Acq: 19 Jul 2006 2:23 pm

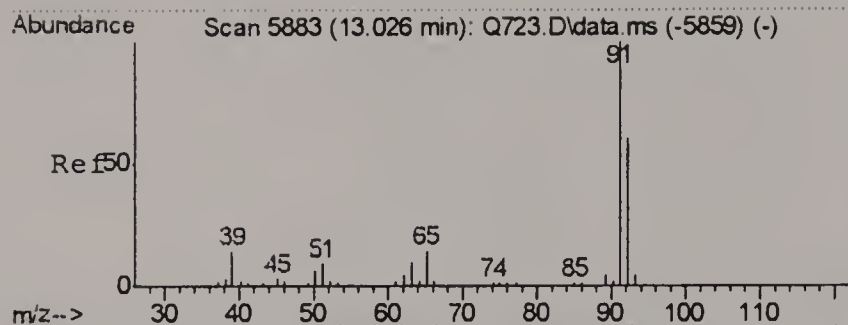
Tgt Ion	Ratio	Lower	Upper
57	100		
56	46.4	14.1	54.1
99	0.9	0.0	23.8



#44
METHYL ISOBUTYL KETONE
Concen: 0.15 PPBV
RT: 12.045 min Scan# 5330
Delta R.T. 0.005 min
Lab File: Q1106.D
Acq: 19 Jul 2006 2:23 pm

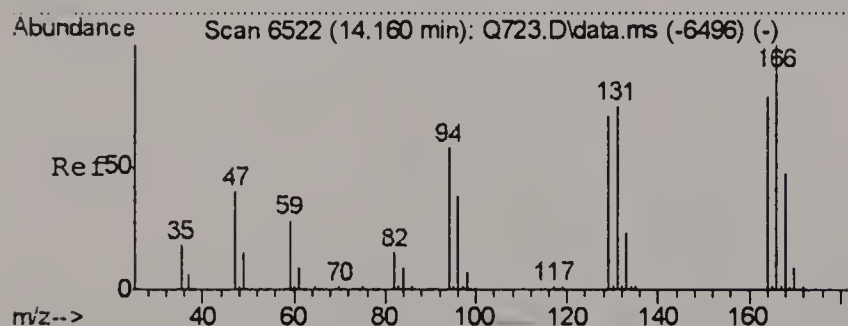
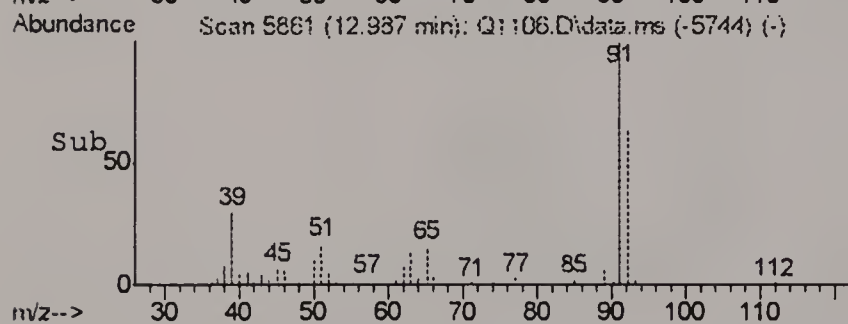
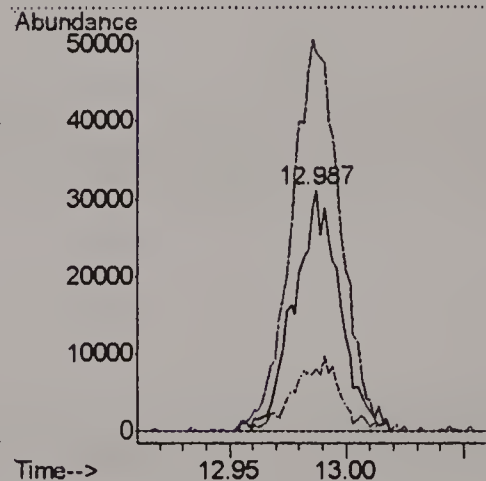
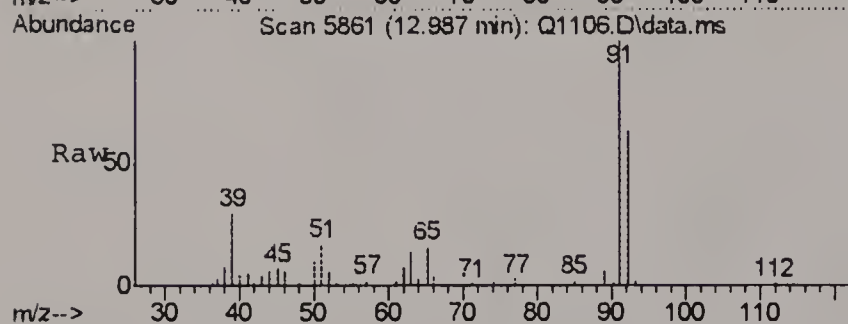
Tgt Ion	Ratio	Lower	Upper
43	100		
58	20.2	5.5	45.5
100	0.7	0.0	23.8





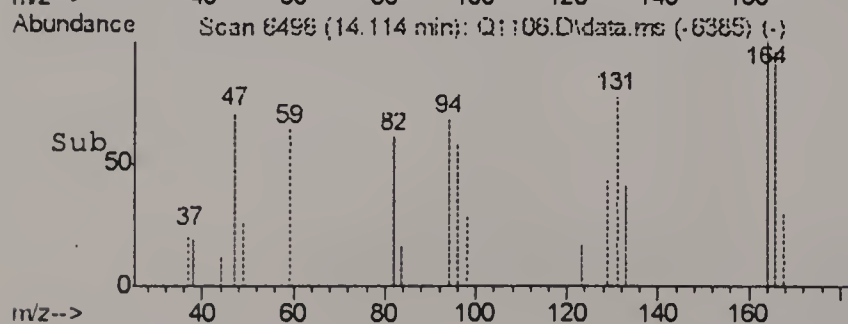
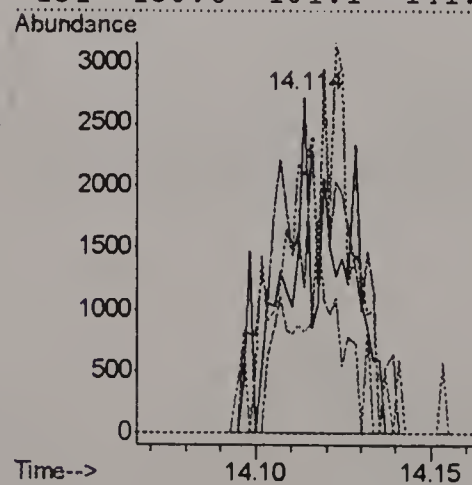
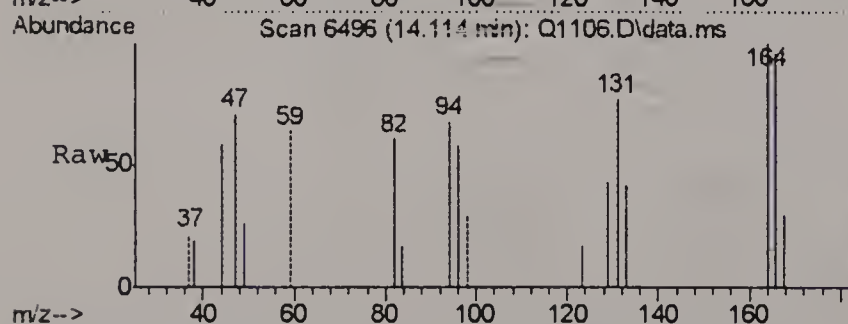
#46
TOLUENE
Concen: 2.08 PPBV
RT: 12.987 min Scan# 5861
Delta R.T. 0.001 min
Lab File: Q1106.D
Acq: 19 Jul 2006 2:23 pm

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.7	156.4	196.4
65	30.6	10.3	50.3



#51
TETRACHLOROETHYLENE
Concen: 0.23 PPBV
RT: 14.114 min Scan# 6496
Delta R.T. -0.009 min
Lab File: Q1106.D
Acq: 19 Jul 2006 2:23 pm

Tgt Ion	Ratio	Lower	Upper
164	100		
129	129.1	102.5	142.5
168	54.1	39.4	79.4
131	130.6	101.1	141.1



Logbook Pages

7d-15

(Test)

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	7-19-06
BATCH ID	MSP58
ANALYST	DM

ALS DATA	
METHOD	TO15
NAMELIST	NA
QC FILE	NA

GC/MS DATA	
METHOD	Q071806.T.M
SEQ	Q0714065.5
ICAL	7-18-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA118	TO15 IS.	40/20
MSA171	TO15 SPK	20/10
MSA173	TO15 CAL SP	20/10

Sequence Verified: 7-20-06 DM

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q1100	BFB/CC57-10	M016	TO15	MS11822	3	200	1	OK
01	ECU57-10	M145			2	200		ECU ↑ r
02	ECU57-10	M145			2	↓		OK
03	MB	M018			5	400		OK
04	MS7573-14	M074			4	400		IS ↓ r 1:1
05	-1	M073			6			OK
06	-1 QUA	↓			6			↓
07	-2	M151			7			↓
08	-3	M053			8			r 1:10
09	-4	M039			9			r 1:5
10	-5	M033			10			OK
11	-6	M135			11			↓
12	-7	M129			12			↓
13	-8	M057			13			↓
14	-9	M156			14			↓
15	-10	M142			15			↓
16	-11	M155			16			↓
17	-12	M106			4			↓
18	-13	M046			6			↓
19	-14	M074			5			↓
20	-3	M053			8	40	10	OK + Q1108
21	-4	M039			9	80	5	OK + Q1109
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QA Review: DM 7/20/06



Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045160

Accutest Job Number: M58073

Sampling Date: 07/24/06

Report to:

GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890-1970

ATTN: Richard Peary

Total number of pages in report: 243

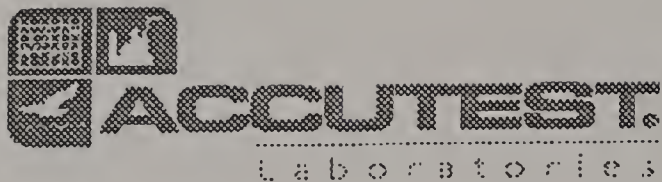


Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Reza Pand
Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579)
NY (23346) NJ (MA926) NAVY USACE

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SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: GEI Consultants, Inc.

Job No M58073

Site: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Report Date 8/10/2006 12:02:59 P

3 Sample(s) were collected on 07/24/2006 and were received at Accutest on 07/25/2006. These Samples received an Accutest job number of M58073. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR

Batch ID: MSQ69

- ⌘ All samples were analyzed within the recommended method holding time.
- ⌘ Sample(s) M58073-3DUP were used as the QC samples indicated.
- ⌘ Sample(s) M58073-1, M58073-2, M58073-3 have compound(s) reported with a "B" qualifier, indicating analyte is found in the associated method blank.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M58073).

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Non-USEPA/CLP Methods

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iii. Matrix Spike/Matrix Spike Duplicate Data	
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SECTION 1 GENERAL

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Sample Summary

GEI Consultants, Inc.

Job No: M58073

Indoor & Outdoor Air Samples Tufts St., Somerville MA
Project No: 045160

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
M58073-1	07/24/06	10:54 KAW	07/25/06	AIR Air	045160-9TUFTS-1L
M58073-2	07/24/06	10:52 KAW	07/25/06	AIR Air	045160-9TUFTS-1R
M58073-3	07/24/06	11:01 KAW	07/25/06	AIR Air	045160-9TUFTS-BR

Report of Analysis

Client Sample ID: 045160-9TUFTS-1L

Lab Sample ID: M58073-1

Date Sampled: 07/24/06

Matrix: AIR - Air Summa ID: M141

Date Received: 07/25/06

Method: TQ-15

Percent Solids: n/a

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1332.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	0.18	0.20	ppbv	J	0.88	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.49	0.20	ppbv		1.0	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
75-09-2	84.94	Methylene chloride	1.2	0.20	ppbv	B	4.2	0.69	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.18	0.20	ppbv	J	1.2	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	70%		57-139%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-9TUFTS-1R		
Lab Sample ID:	M58073-2	Date Sampled:	07/24/06
Matrix:	AIR - Air	Summa ID:	M002
Method:	TO-15	Date Received:	07/25/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
		Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1334.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	0.47	0.20	ppbv		2.3	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.55	0.20	ppbv		1.1	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
75-09-2	84.94	Methylene chloride	1.9	0.20	ppbv	B	6.6	0.69	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.29	0.20	ppbv		2.0	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	61 %		57-139 %

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-9TUFTS-BR		
Lab Sample ID:	M58073-3	Date Sampled:	07/24/06
Matrix:	AIR - Air	Summa ID:	M161
Method:	TO-15	Date Received:	07/25/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
		Percent Solids:	n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1335.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

Run #	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	0.24	0.20	ppbv		1.2	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.46	0.20	ppbv		0.95	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
75-09-2	84.94	Methylene chloride	3.1	0.20	ppbv	B	11	0.69	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.45	0.20	ppbv		3.1	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	70%		57-139%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Sample Tracking Chronicle
- Internal Chain of Custody

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M58073

Indoor & Outdoor Air Samples Tufts St., Somerville MA
Project No: 045160

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M58073-1	Collected: 24-JUL-06 10:54 By: KAW	Received: 25-JUL-06 By: SAP				
045160-9TUFTS-1L						
M58073-1	TO-15	08-AUG-06 16:53	PB			VTO15STD
M58073-2	Collected: 24-JUL-06 10:52 By: KAW	Received: 25-JUL-06 By: SAP				
045160-9TUFTS-1R						
M58073-2	TO-15	08-AUG-06 18:26	PB			VTO15STD
M58073-3	Collected: 24-JUL-06 11:01 By: KAW	Received: 25-JUL-06 By: SAP				
045160-9TUFTS-BR						
M58073-3	TO-15	08-AUG-06 19:12	PB			VTO15STD

Chain-of-Custody Record

Laboratory: Accutest

Laboratory Job #
(Lab use only)

1188073

GEI



Consultants

1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Tufts Street

Project Number: 045160

Send Report to: Paul Silva

Send EDD to: labdata@geiconsultants.com

Project Location: Somerville, MA

Project Manager: M. Ensign

Page 1 of 1

Preservative
None

Analysis

Sample Handling

Samples Field
FilteredYES ☐ NO ☐ NA ☐Sampled Shipped
With IceYES ☐ NO ☐

MCP PRESUMPTIVE CERTAINTY REQUIRED YES NO

If Yes, Are MCP Analytical Methods Required?

YES ☐ NO ☐ NA ☐

If Yes, Are Drinking Water Samples Submitted?

YES ☐ NO ☐ NA ☐

If Yes, Have You Met Minimum Field QC Requirements?

YES ☐ NO ☐ NA ☐Lab Sample Number
4480731
407256GEI Sample ID

TO-15

Sample Specific Remarks

Collection
Date Time Matrix No. of Bottles Sampler(s) Initials

045160-9T Tufts-1L

7/24/2006

1054

Air

1

KAW

X

045160-9T Tufts-1R

7/24/2006

1052

Air

1

KAW

X

045160-9T Tufts-BR

7/24/2006

1101

Air

1

KAW

X

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)

Date:

Time:

Received by: (signature)

1. Relinquished by: (signature)

Date:

Time:

Received by: (signature)

2. Relinquished by: (signature)

Date:

Time:

Received by: (signature)

3. Relinquished by: (signature)

Date:

Time:

Received by: (signature)

4. Relinquished by: (signature)

Date:

Time:

Received by: (signature)

Turnaround Time
(Business days):Normal ☒ X Other ☐10-Day ☐ 7-Day ☐5-Day ☐ 3-Day ☐

Additional Requirements/Comments/Remarks:

Please see attached list of analytes to report.

Please submit full Tier 1 data package.

Before submitting rush

turnaround samples, you must
notify the laboratory to confirm
that the TAT can be achieved.

Summa Certification Blanks

M58073 - 1	(M141)
↓ - 2	(M002)
↓ - 3	(M161)

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-17 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 11:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.733	128	225978	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.561	114	902244	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.810	117	689500m	10.00	PPBV	0.00

System Monitoring Compounds

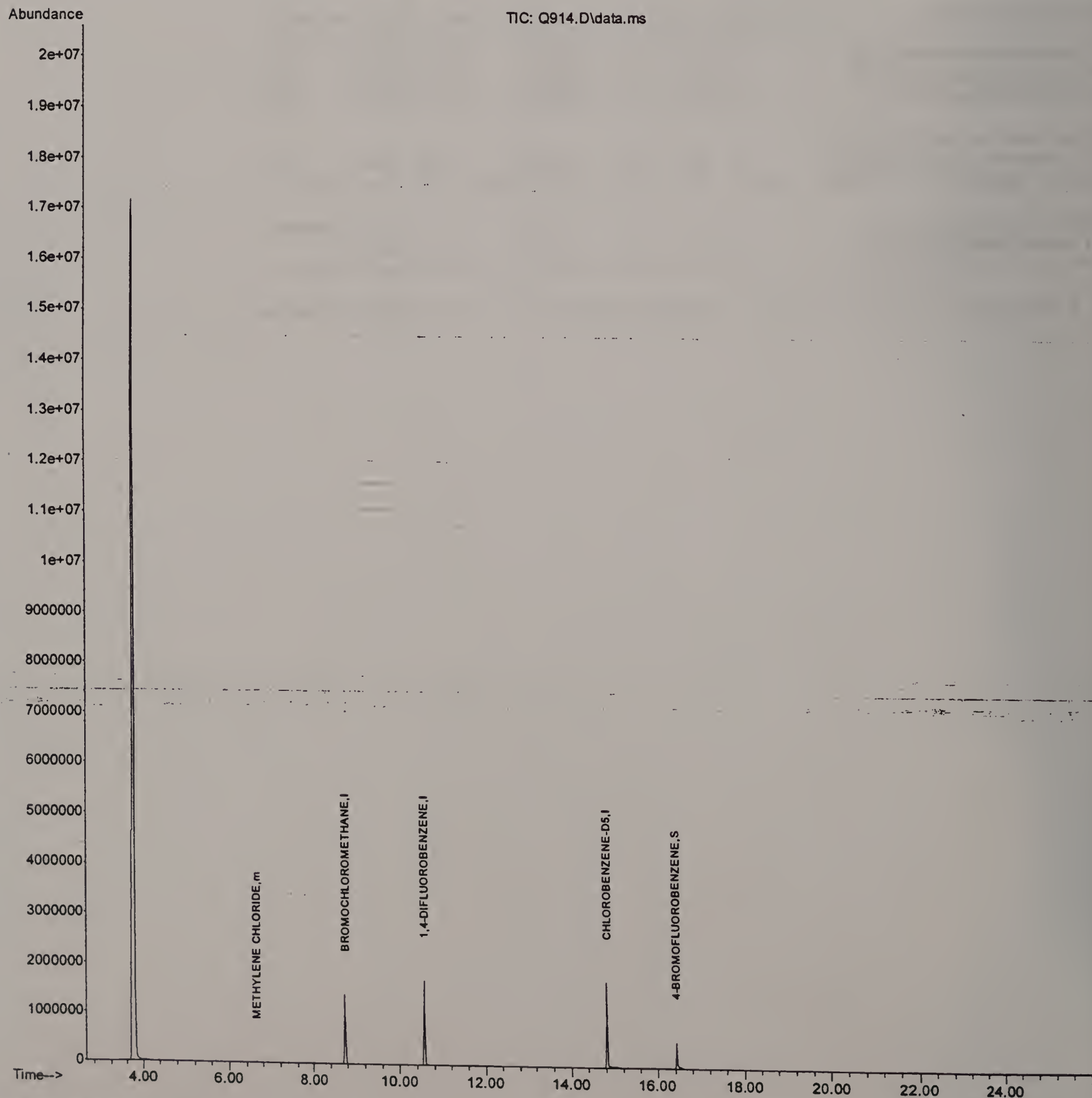
61) 4-BROMOFLUOROBENZENE	16.430	95	198125m	4.21	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	84.20%

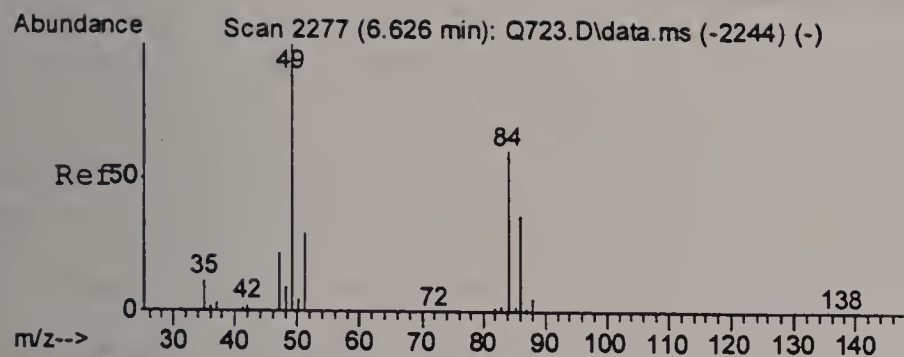
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) METHYLENE CHLORIDE	6.635	84	4153m	0.10	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-I7 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

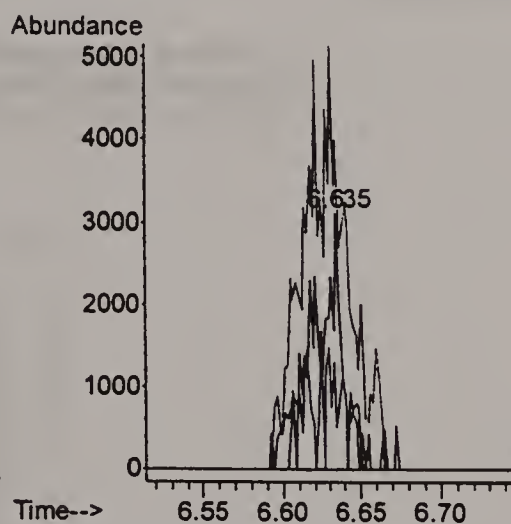
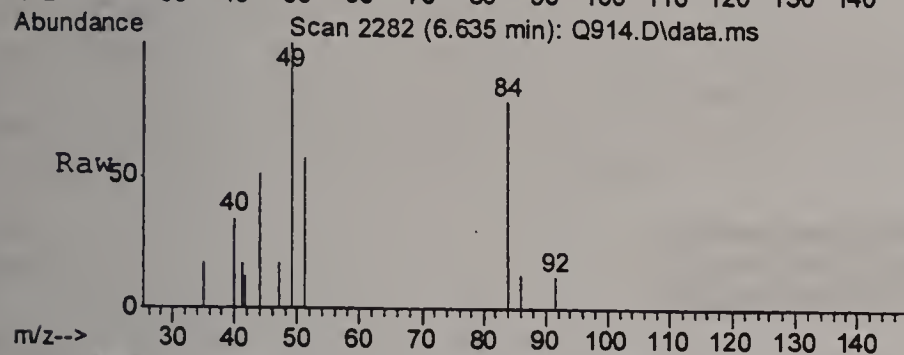
Quant Time: Jun 20 11:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration





#18
 METHYLENE CHLORIDE
 Concen: 0.10 PPBV m
 RT: 6.635 min Scan# 2282
 Delta R.T. 0.009 min
 Lab File: Q914.D
 Acq: 19 Jun 2006 11:54 pm

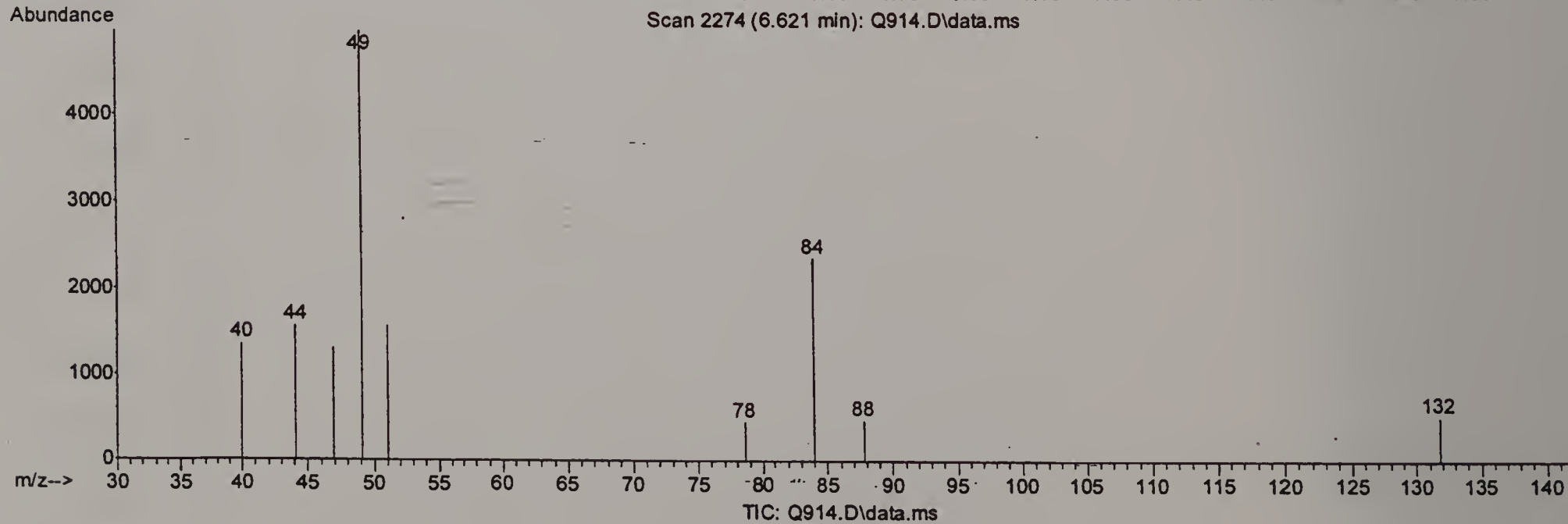
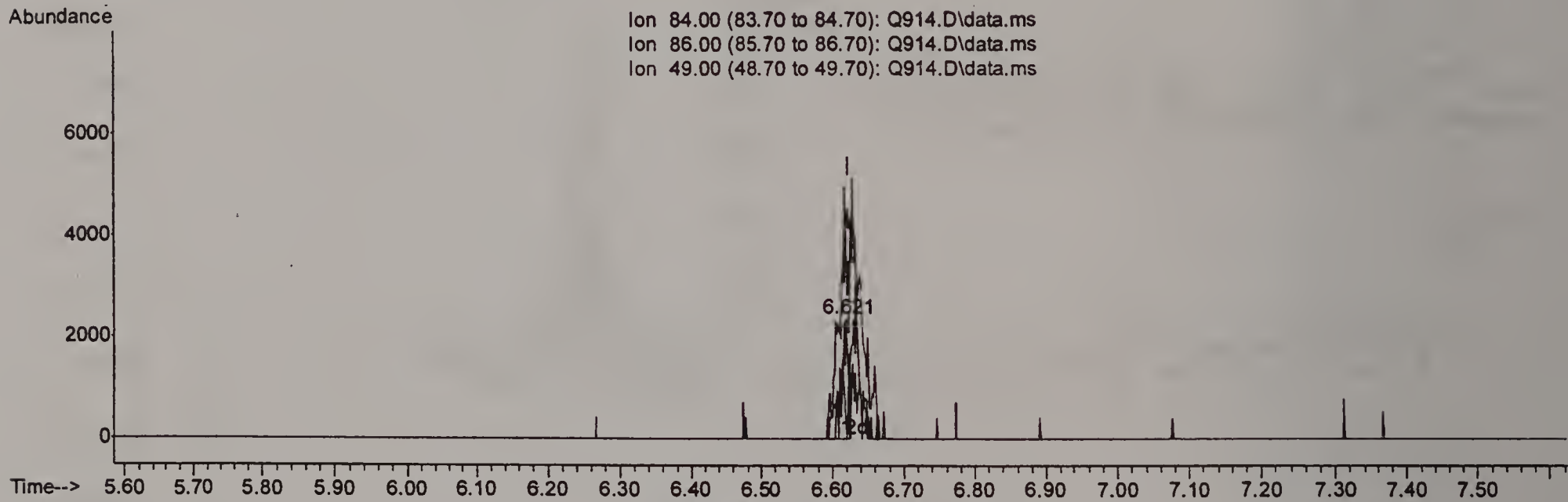
Tgt Ion	Ratio	Lower	Upper
84	100		
86	33.3	44.6	84.6#
49	101.6	0.7	400.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-17 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 11:26:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.621min (-0.005) 0.05PPBV

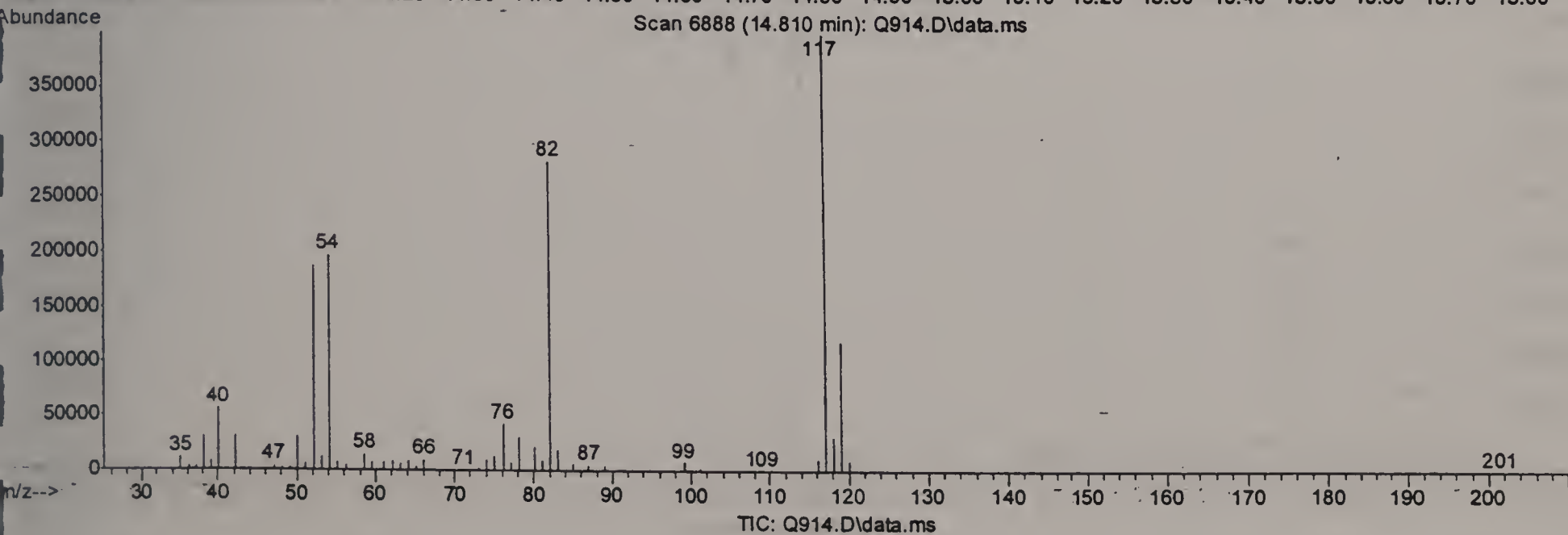
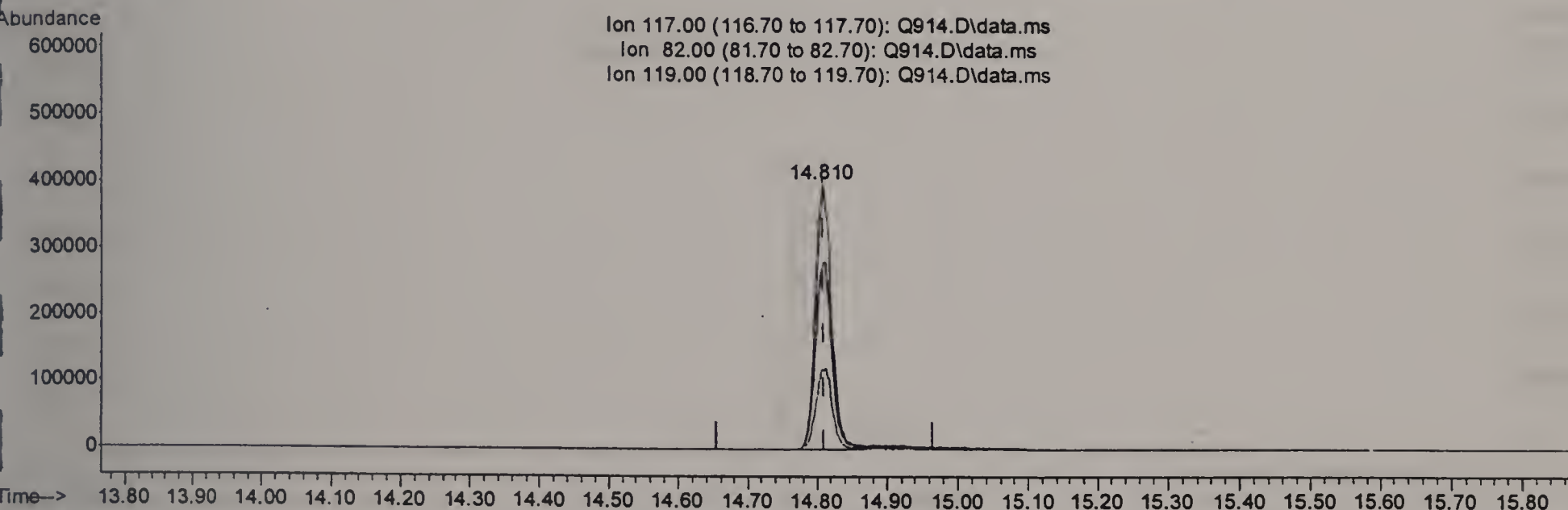
response 1940

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	71.39
49.00	200.70	217.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-17 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 11:26:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.810min (-0.002) 10.00PPBV

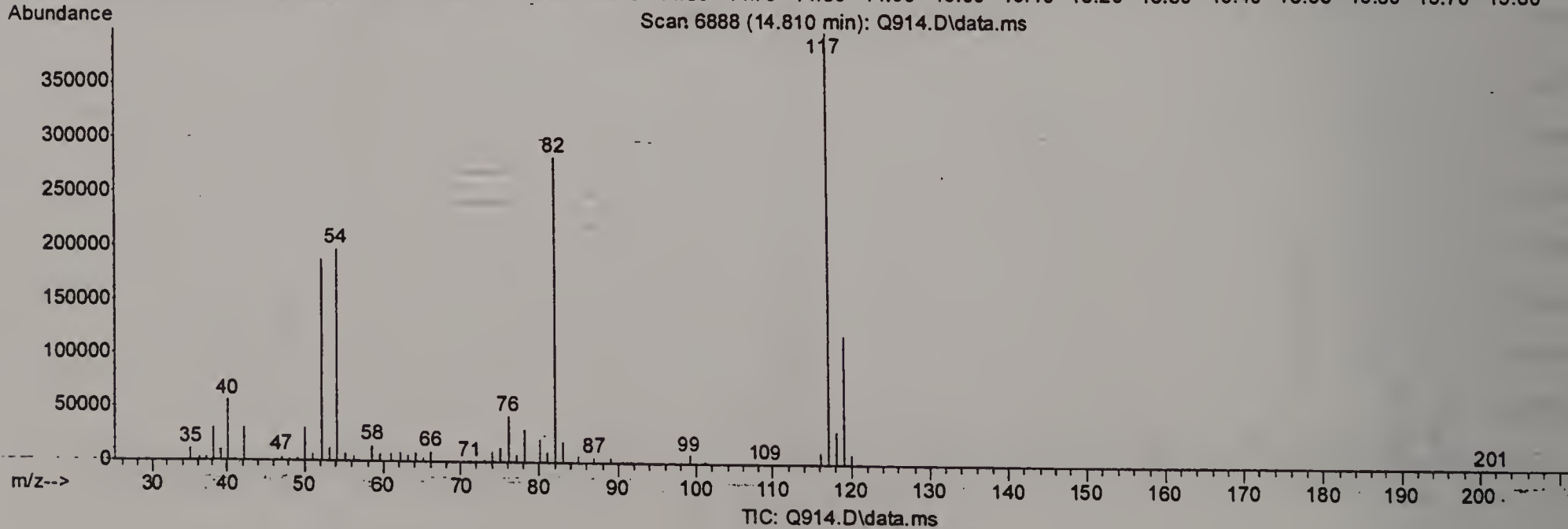
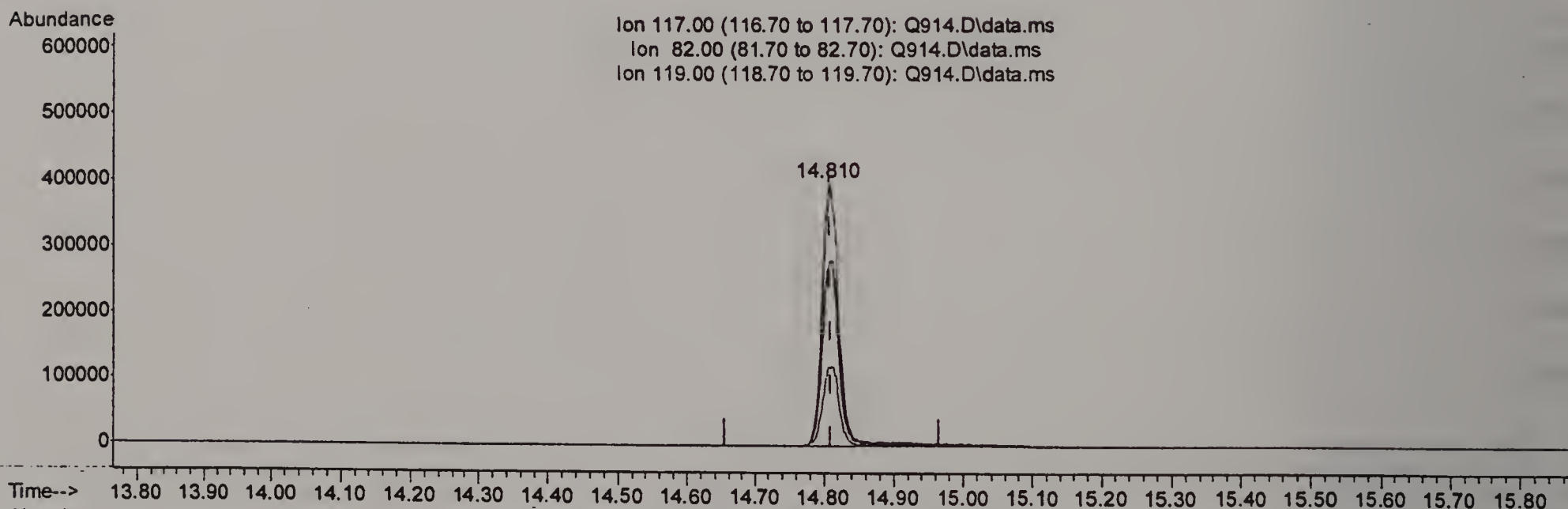
response 635756

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	72.46
119.00	31.70	31.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-17 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 11:26:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.810min (-0.002) 10.00PPBV m

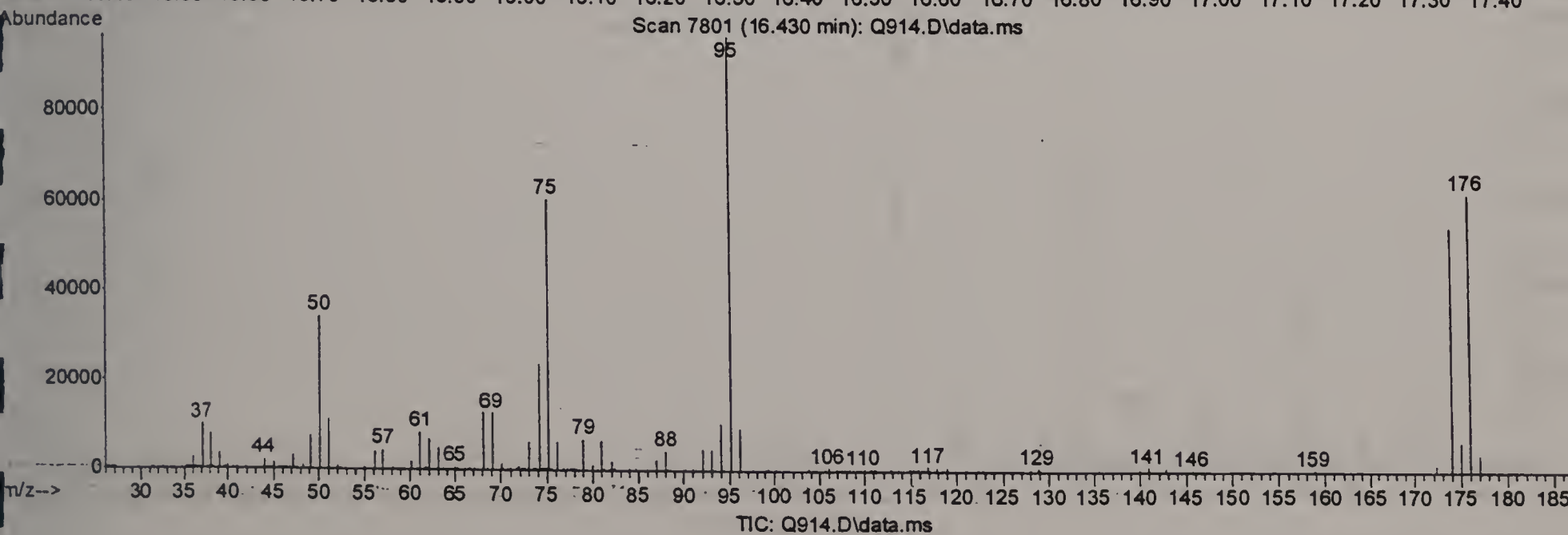
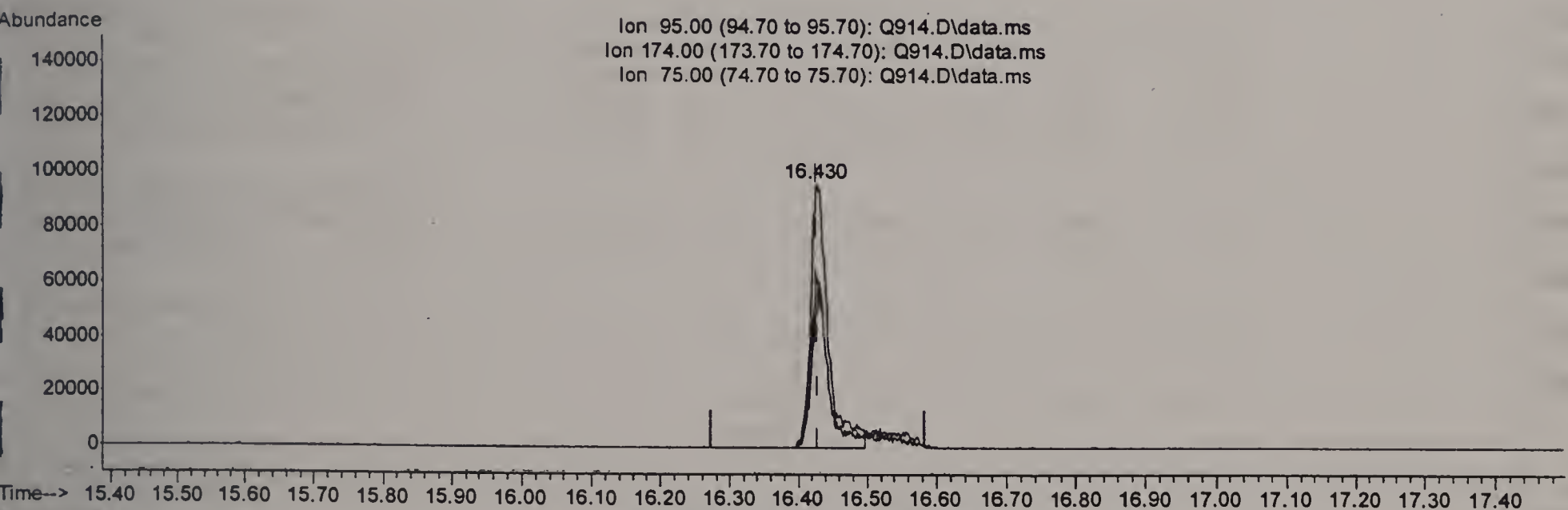
response 689500

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	66.81
119.00	31.70	29.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-17 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 11:26:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (-0.000) 3.67PPBV

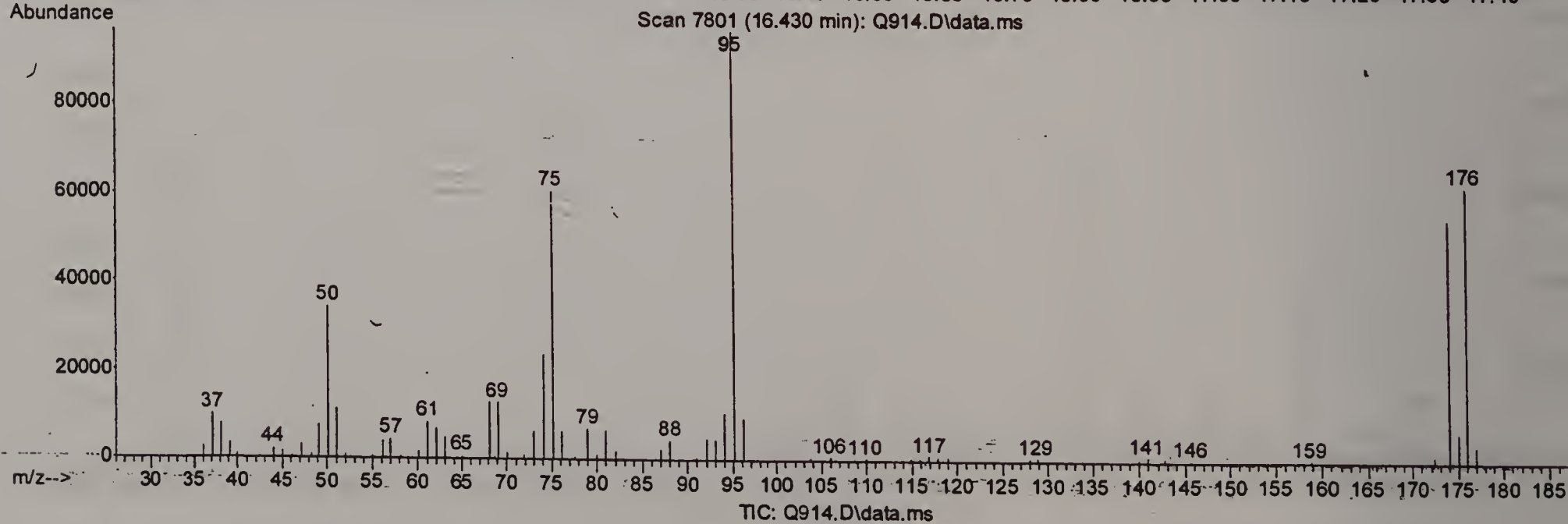
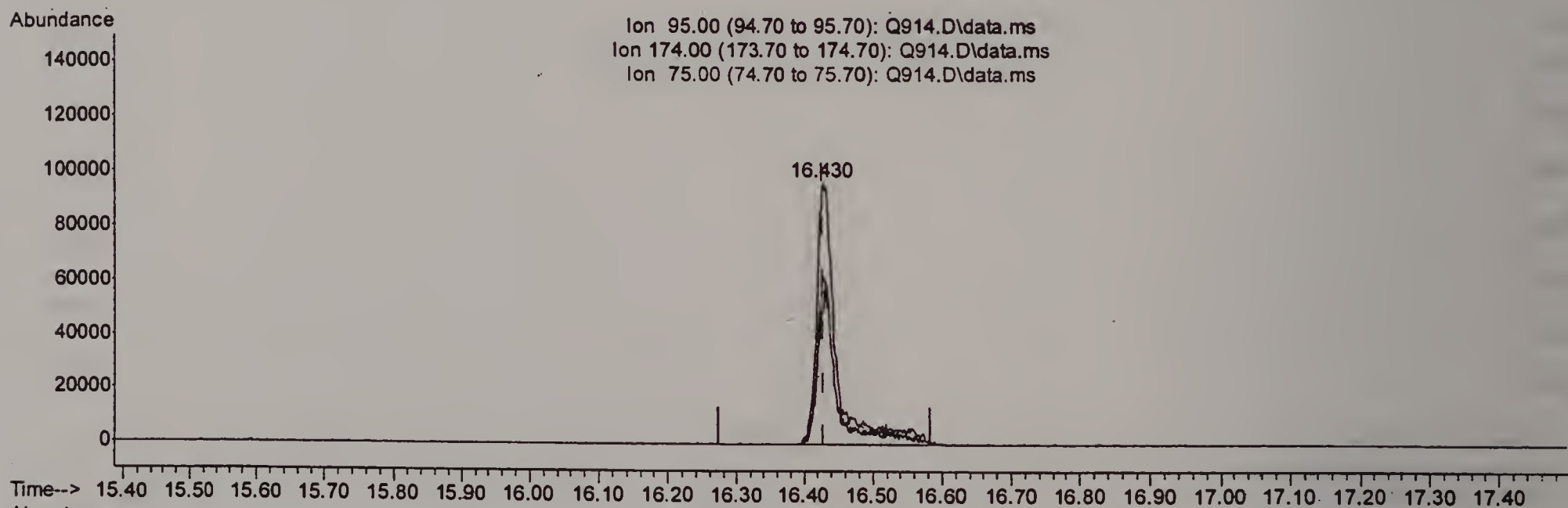
response 172617

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	52.15
75.00	52.30	57.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q914.D
 Acq On : 19 Jun 2006 11:54 pm
 Operator : PhilipB
 Sample : M57220-17 (M141)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 11:26:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (-0.000) 4.21PPBV m

response 198125

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	45.43#
75.00	52.30	50.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q918.D
 Acq On : 20 Jun 2006 2:56 am
 Operator : PhilipB
 Sample : M57220-21 (M002)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 11:36:36 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.733	128	245067	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.562	114	1105821	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.808	117	867356m	10.00	PPBV	0.00

System Monitoring Compounds

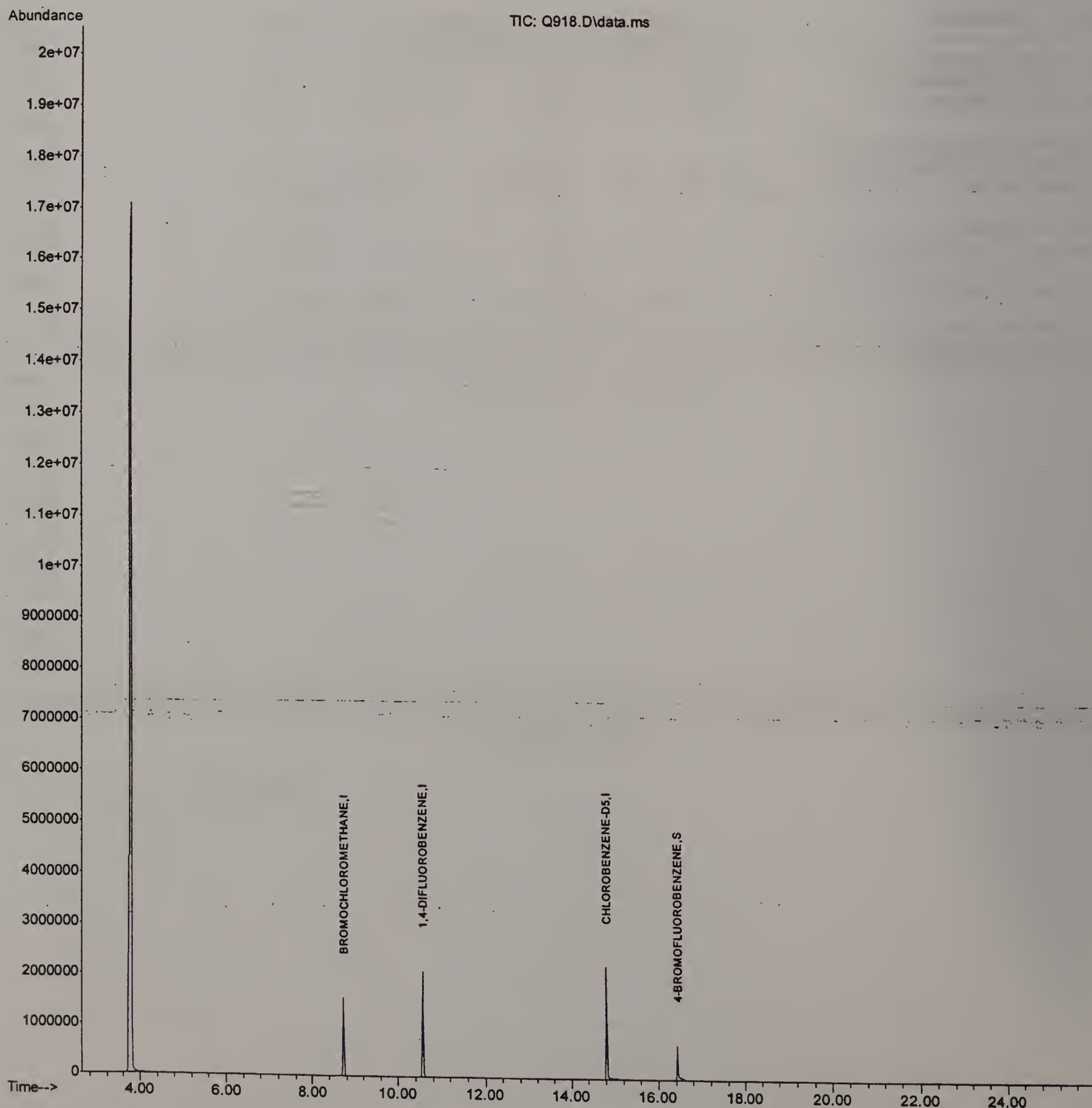
61) 4-BROMOFLUOROBENZENE	16.428	95	253198m	4.27	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	85.40%

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q918.D
Acq On : 20 Jun 2006 2:56 am
Operator : PhilipB
Sample : M57220-21 (M002)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 16 Sample Multiplier: 1

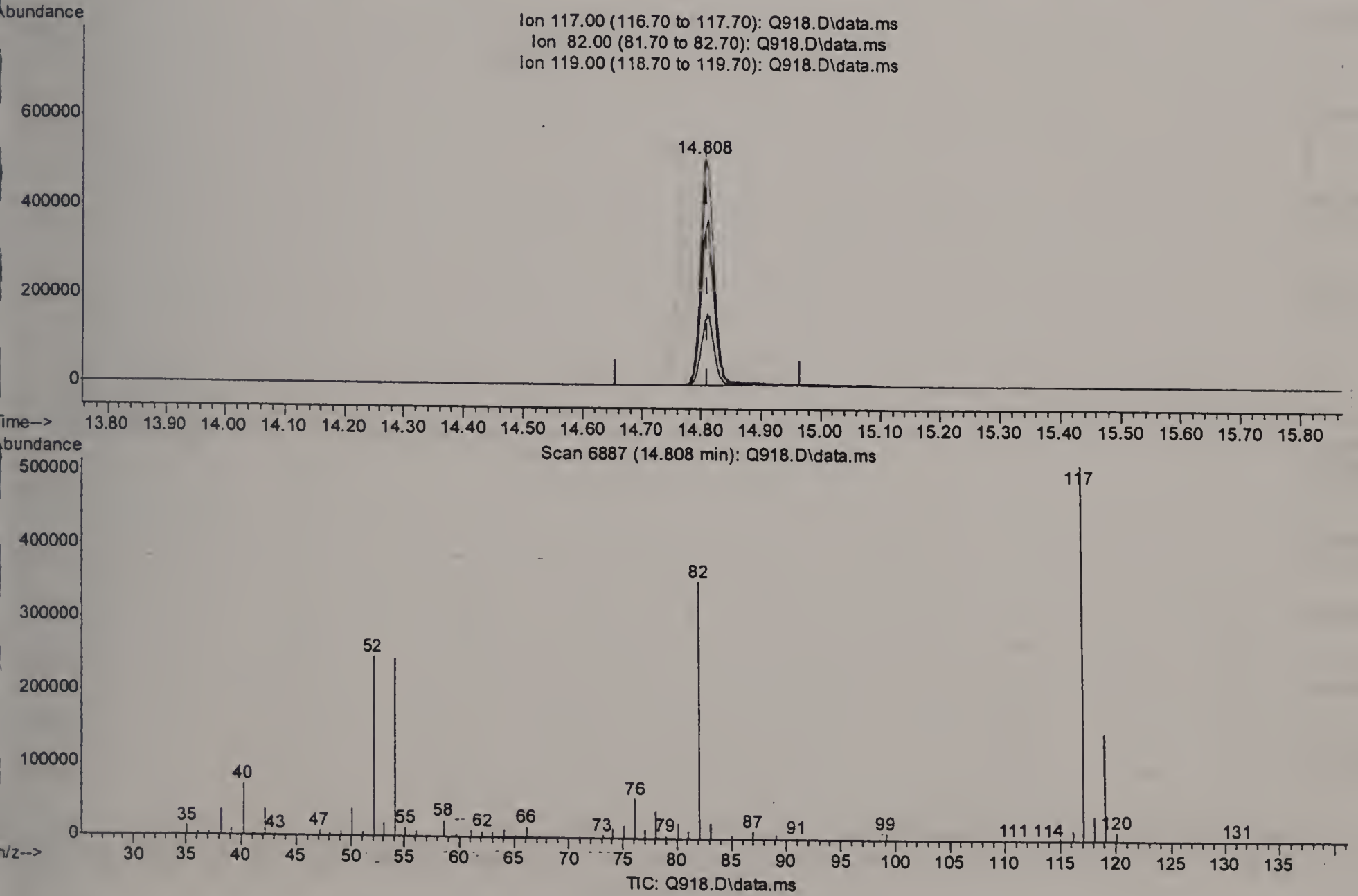
Quant Time: Jun 20 11:36:36 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q918.D
 Acq On : 20 Jun 2006 2:56 am
 Operator : PhilipB
 Sample : M57220-21 (M002)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 11:35:36 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.808min (-0.004) 10.00PPBV

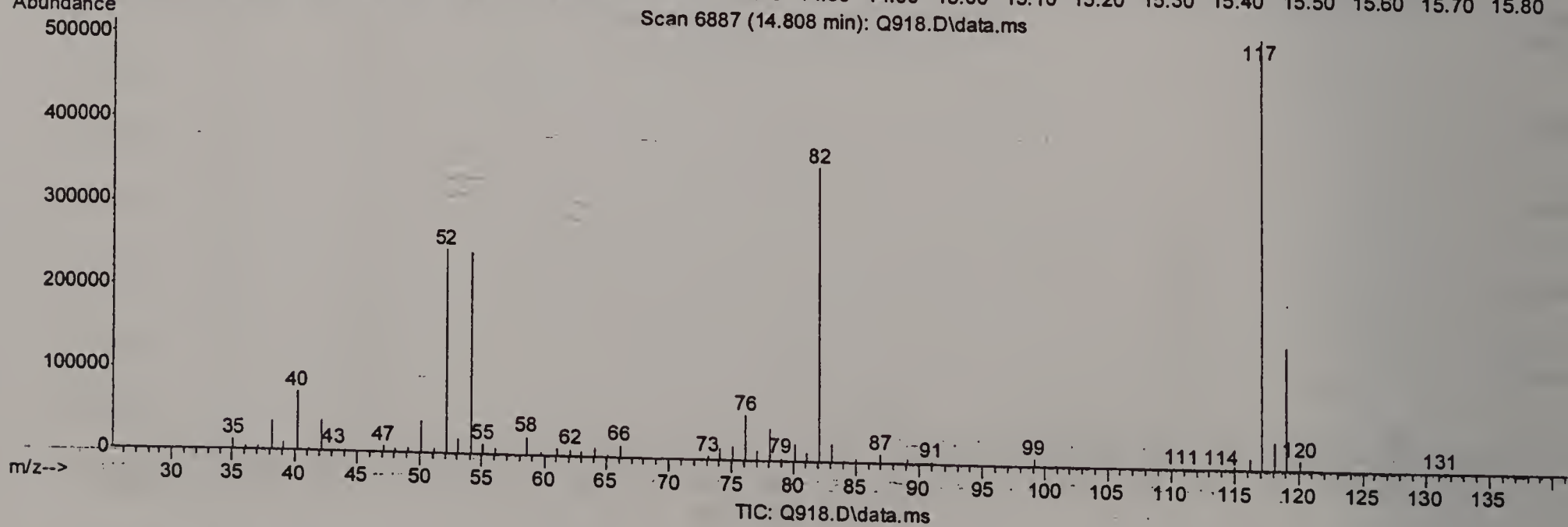
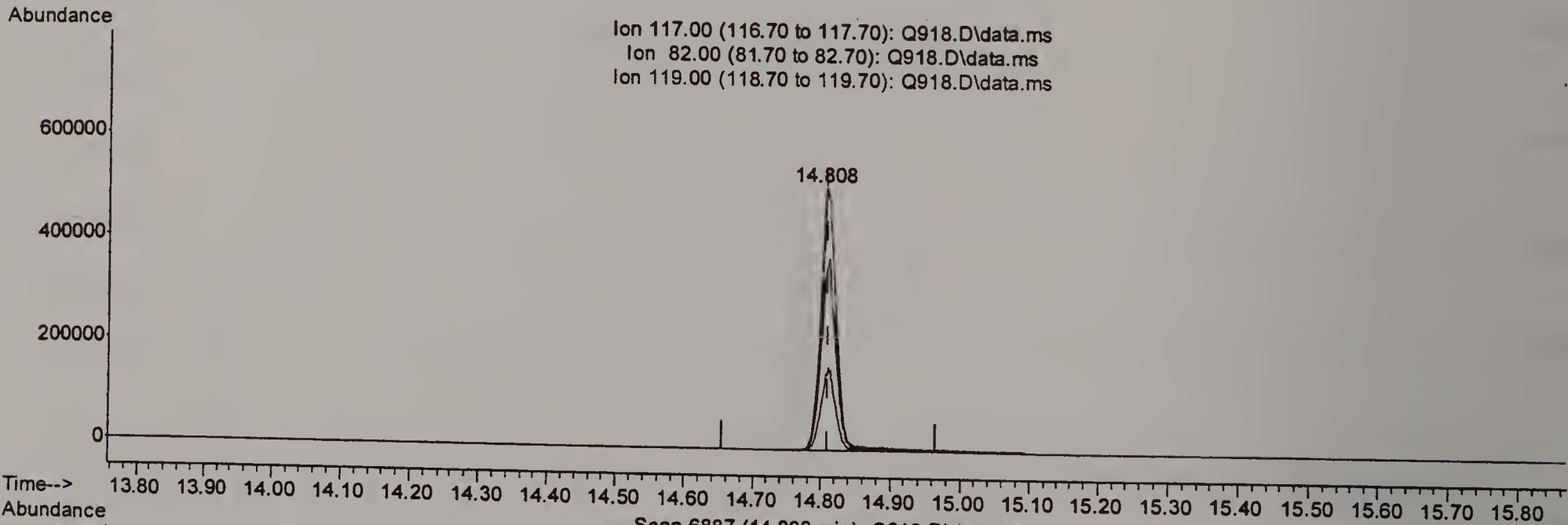
response 806119

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	72.04
119.00	31.70	30.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q918.D
 Acq On : 20 Jun 2006 2:56 am
 Operator : PhilipB
 Sample : M57220-21 (M002)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 11:35:36 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.808min (-0.004) 10.00PPBV m

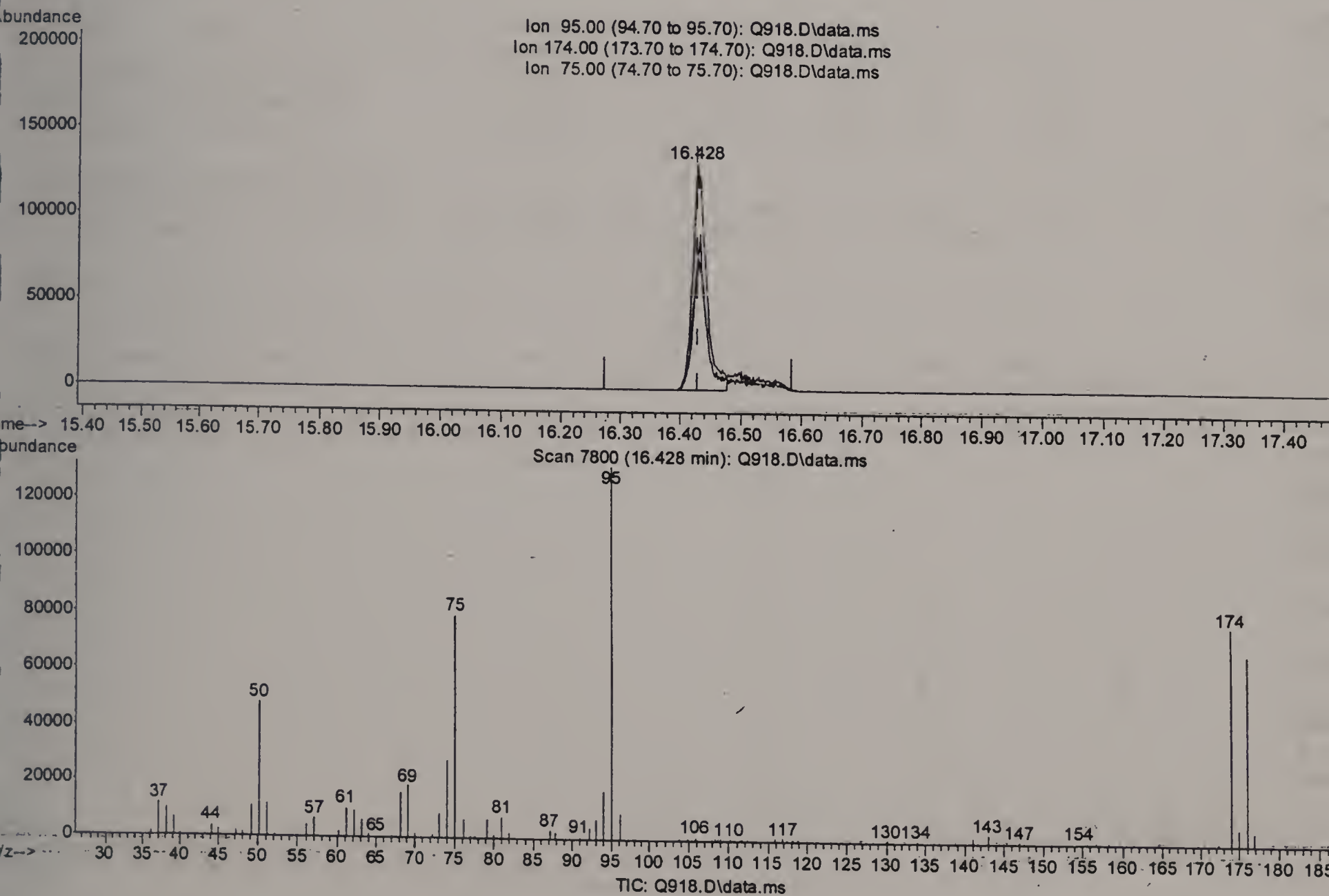
response 867356

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	66.96
119.00	31.70	28.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q918.D
 Acq On : 20 Jun 2006 2:56 am
 Operator : PhilipB
 Sample : M57220-21 (M002)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 11:35:36 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.428min (-0.002) 3.57PPBV

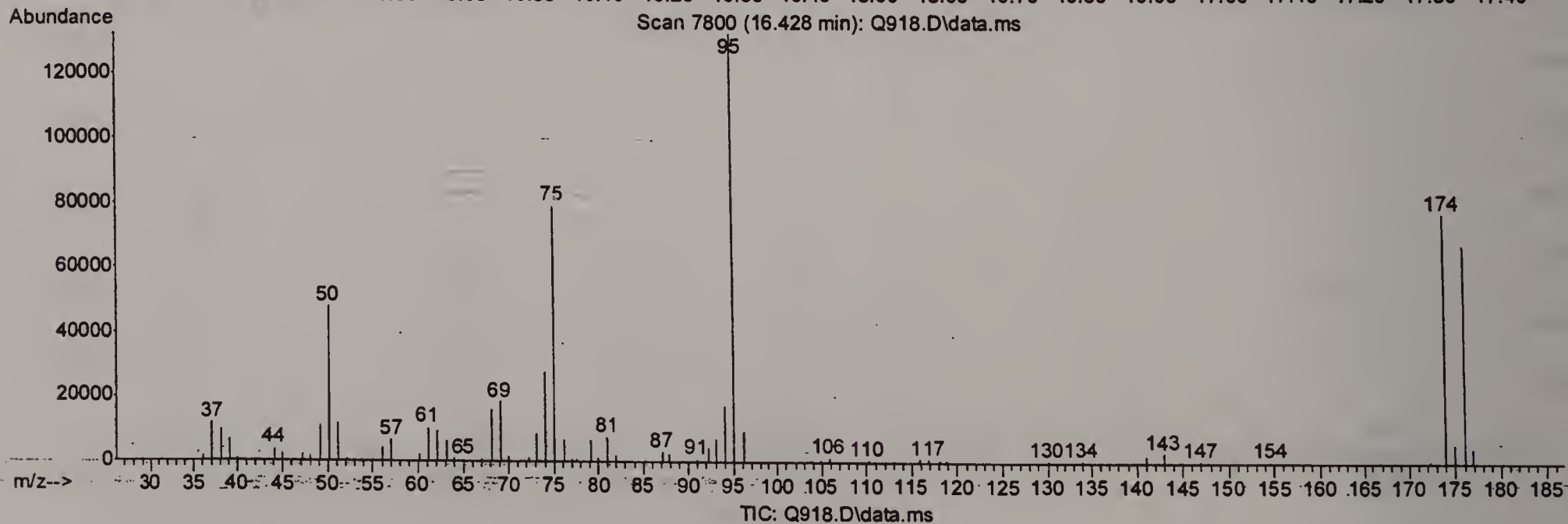
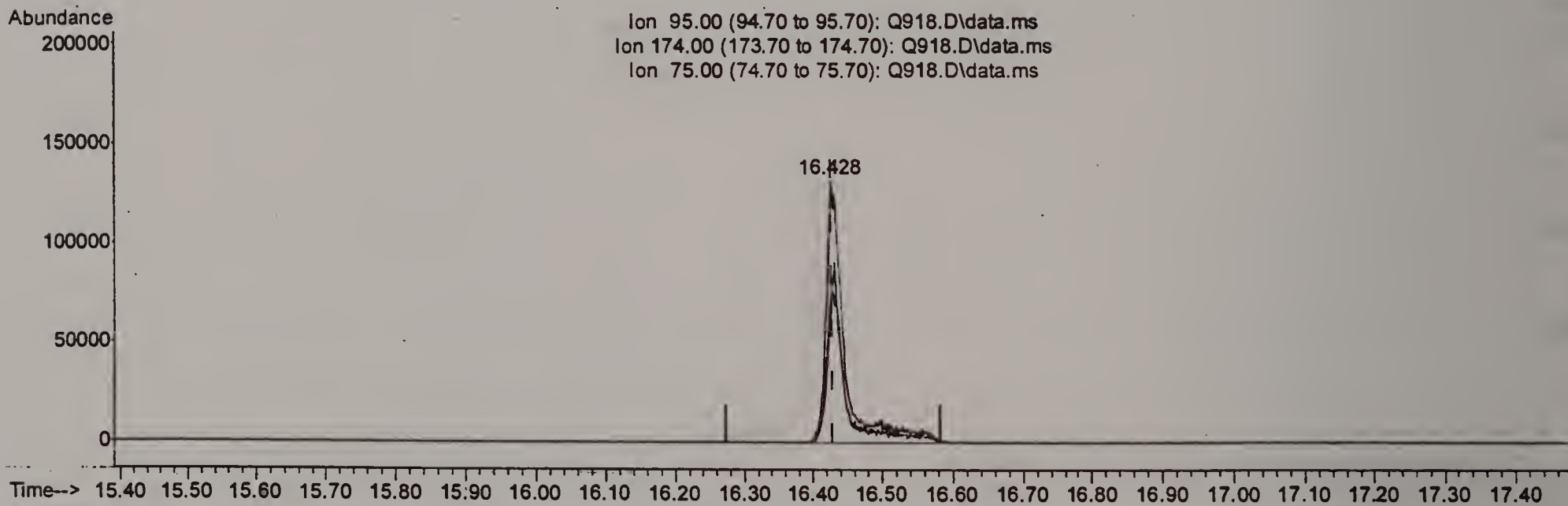
response 211408

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	58.54
75.00	52.30	63.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q918.D
Acq On : 20 Jun 2006 2:56 am
Operator : PhilipB
Sample : M57220-21 (M002)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 11:35:36 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.428min (-0.002) 4.27PPBV m

response 253198

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	48.88#
75.00	52.30	53.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q920.D
 Acq On : 20 Jun 2006 10:59 am
 Operator : PhilipB
 Sample : M57220-23 (M161)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 11:42:25 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.731	128	242285	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.563	114	1067223	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.810	117	847137m	10.00	PPBV	0.00

System Monitoring Compounds

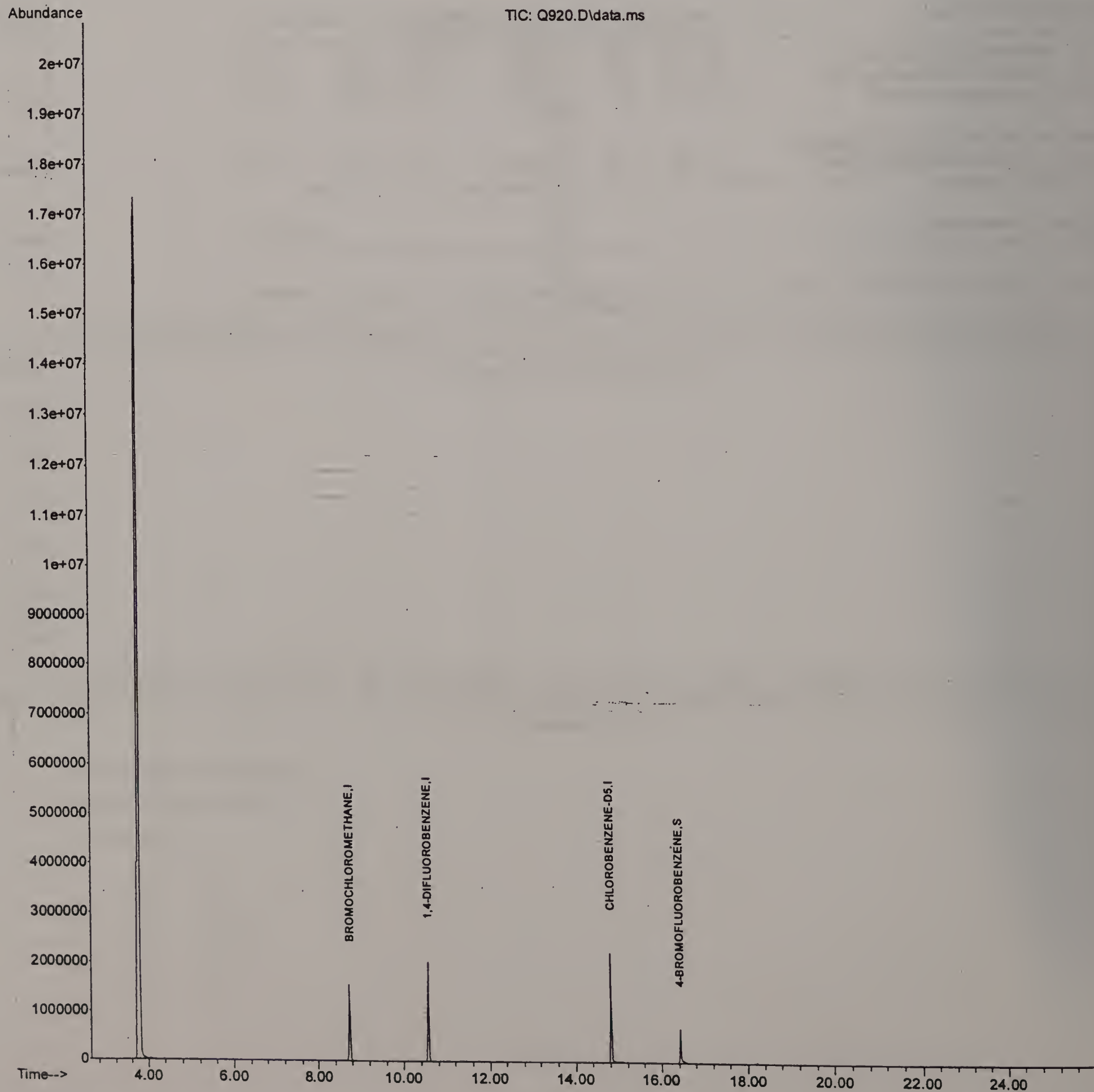
61) 4-BROMOFLUOROBENZENE	16.430	95	252562m	4.36	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	87.20%

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q920.D
Acq On : 20 Jun 2006 10:59 am
Operator : PhilipB
Sample : M57220-23 (M161)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 4 Sample Multiplier: 1

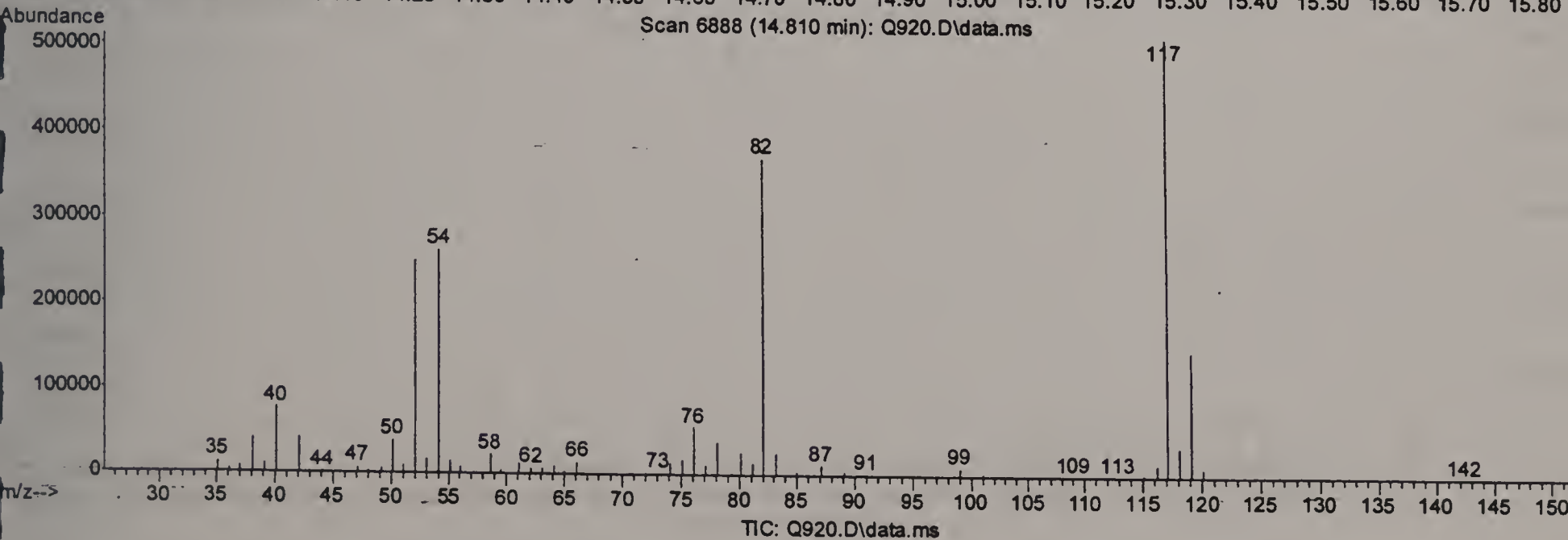
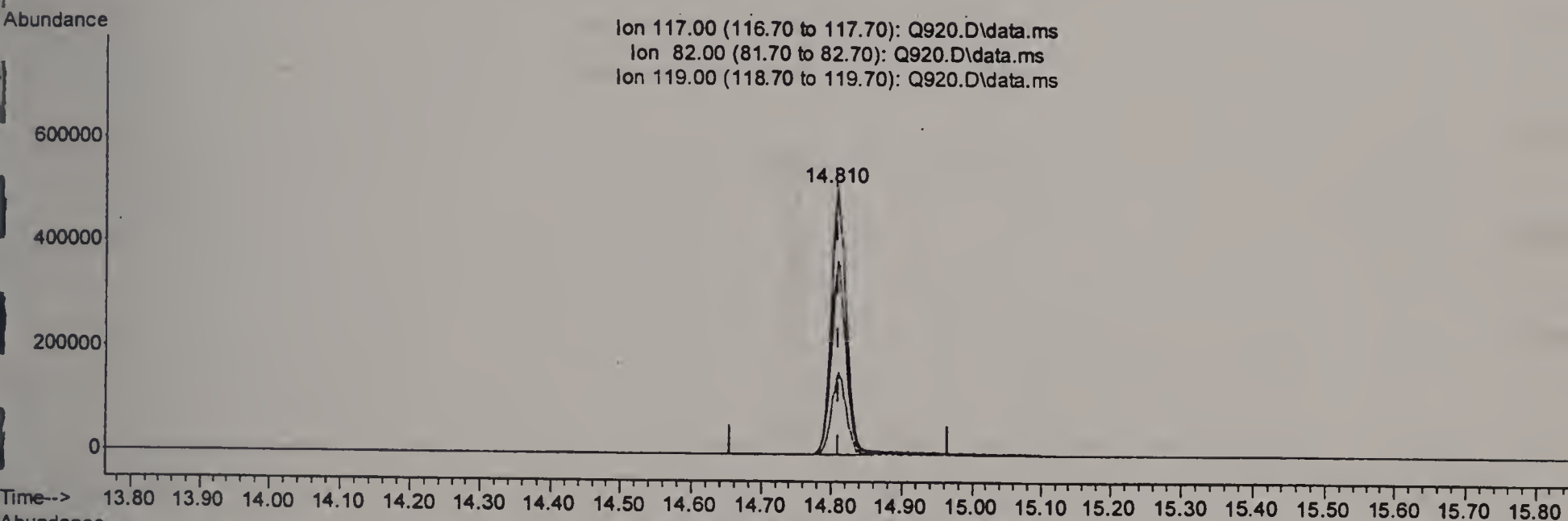
Quant Time: Jun 20 11:42:25 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q920.D
 Acq On : 20 Jun 2006 10:59 am
 Operator : PhilipB
 Sample : M57220-23 (M161)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 11:41:35 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.810min (-0.002) 10.00PPBV

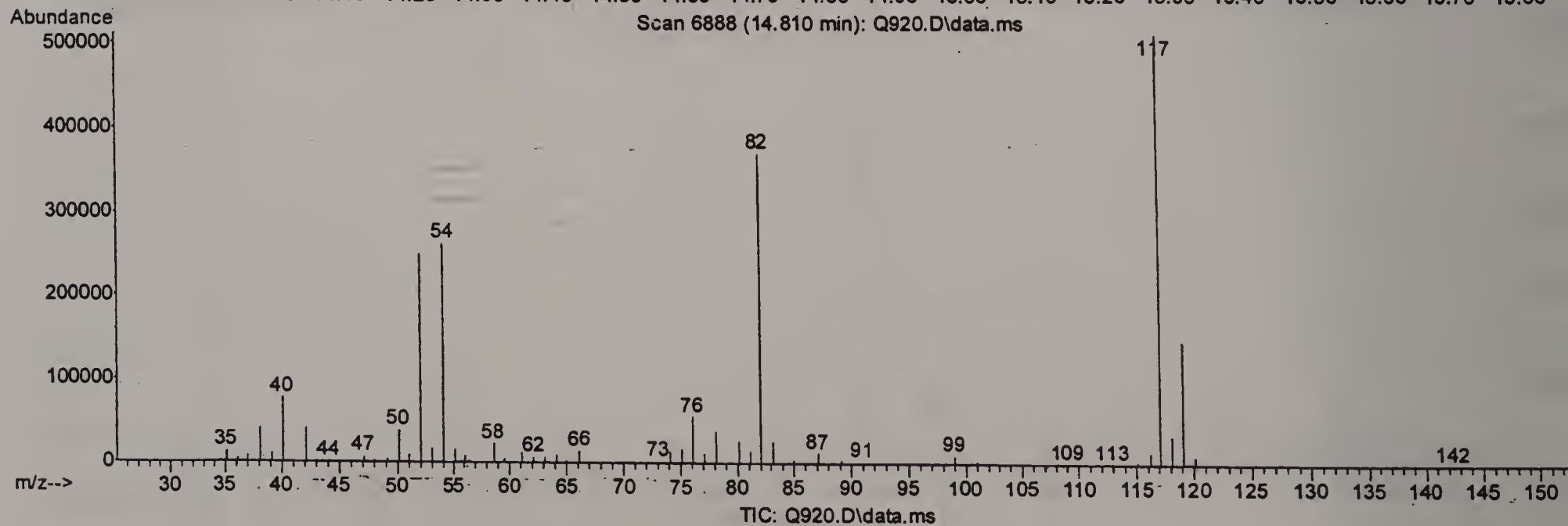
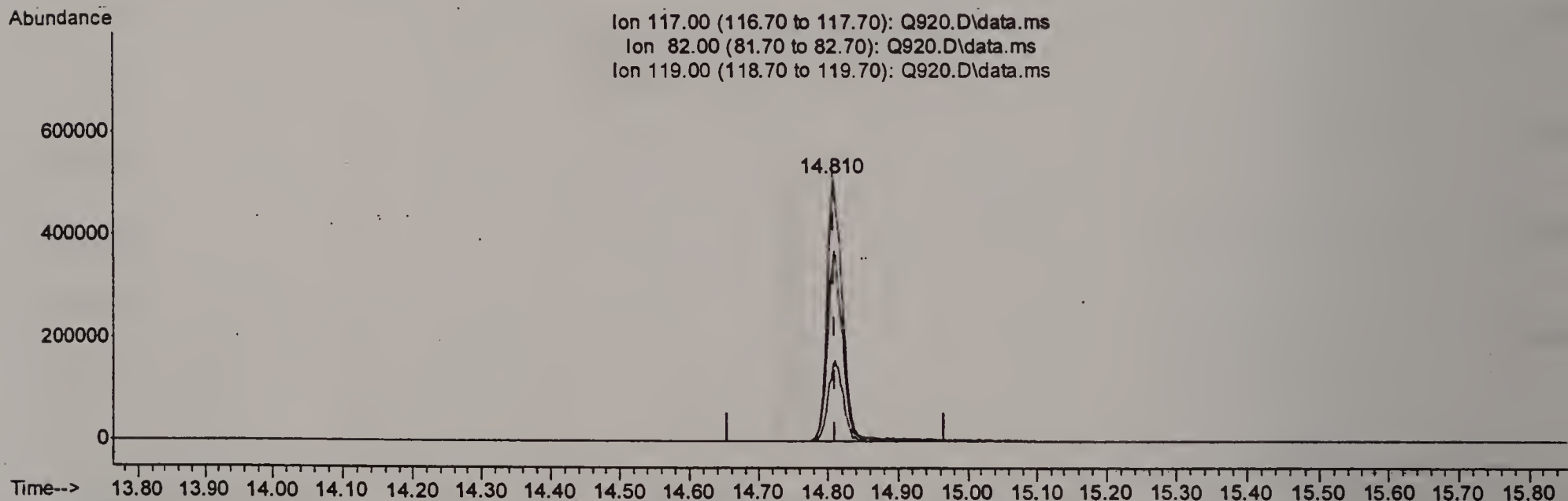
response 784909

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	72.47
119.00	31.70	31.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q920.D
 Acq On : 20 Jun 2006 10:59 am
 Operator : PhilipB
 Sample : M57220-23 (M161)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 11:41:35 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.810min (-0.002) 10.00PPBV m

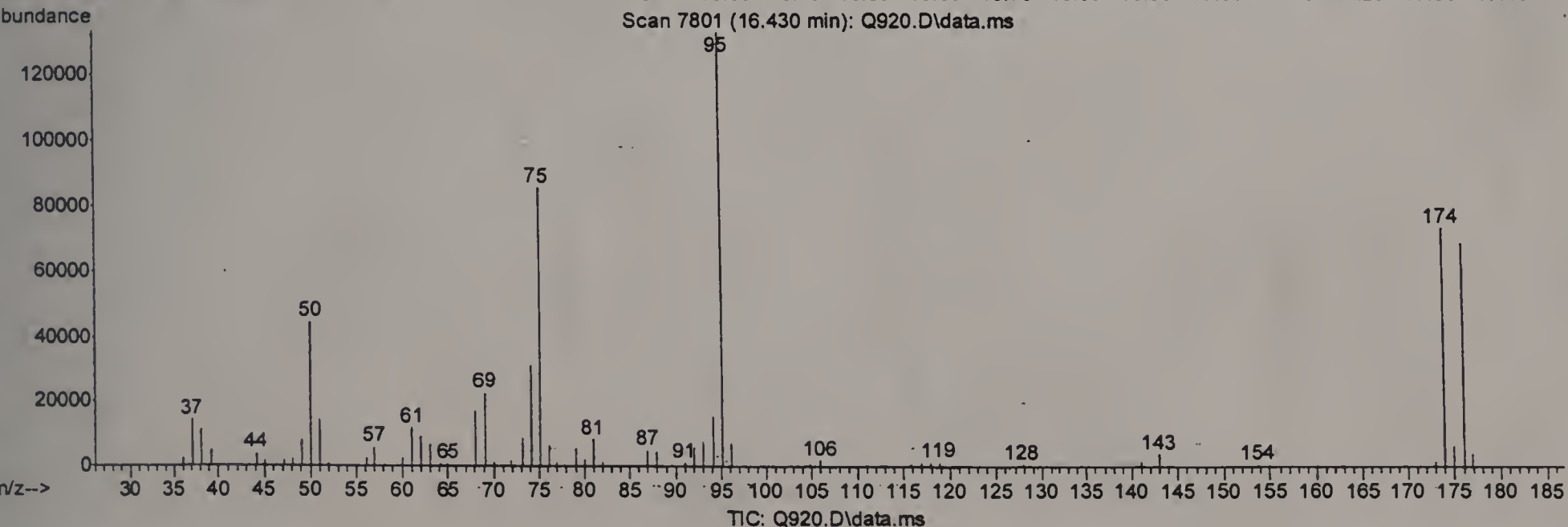
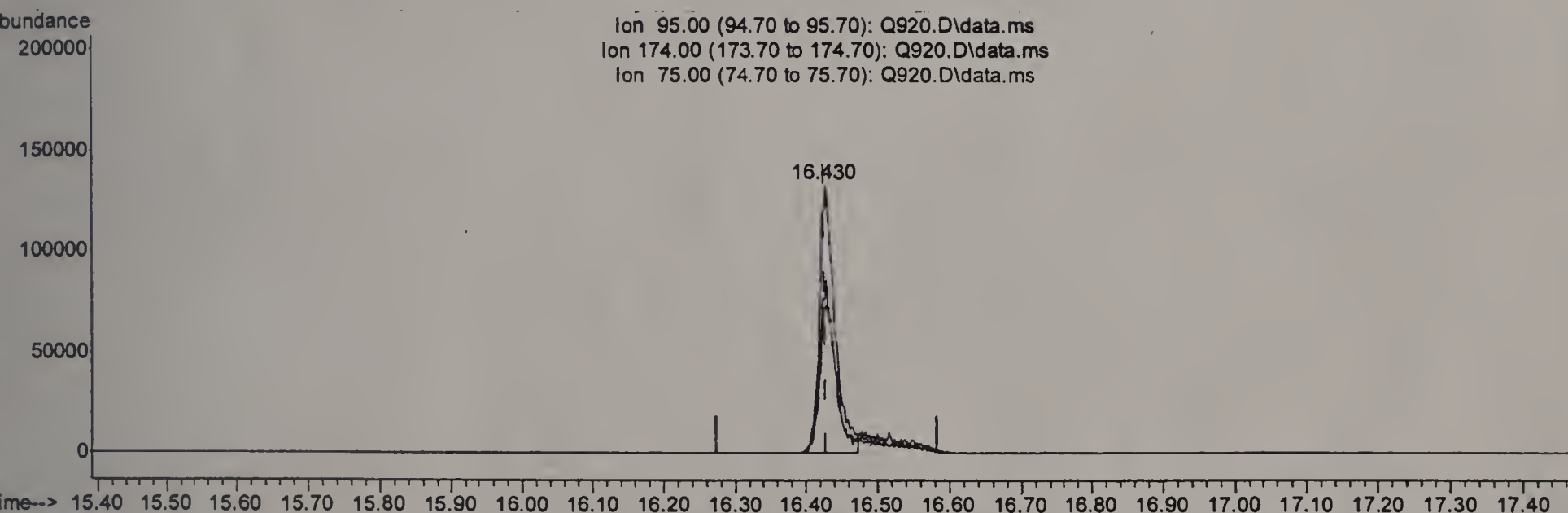
response 847137

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	67.14
119.00	31.70	28.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q920.D
 Acq On : 20 Jun 2006 10:59 am
 Operator : PhilipB
 Sample : M57220-23 (M161)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 11:41:35 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (0.000) 3.65PPBV

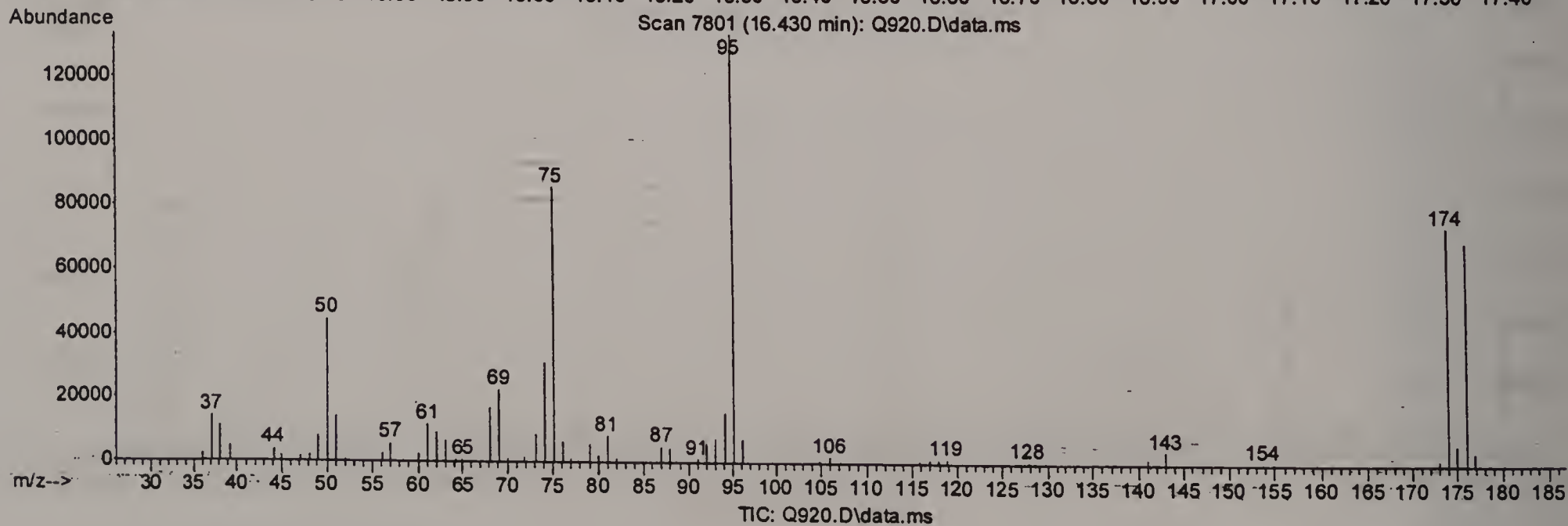
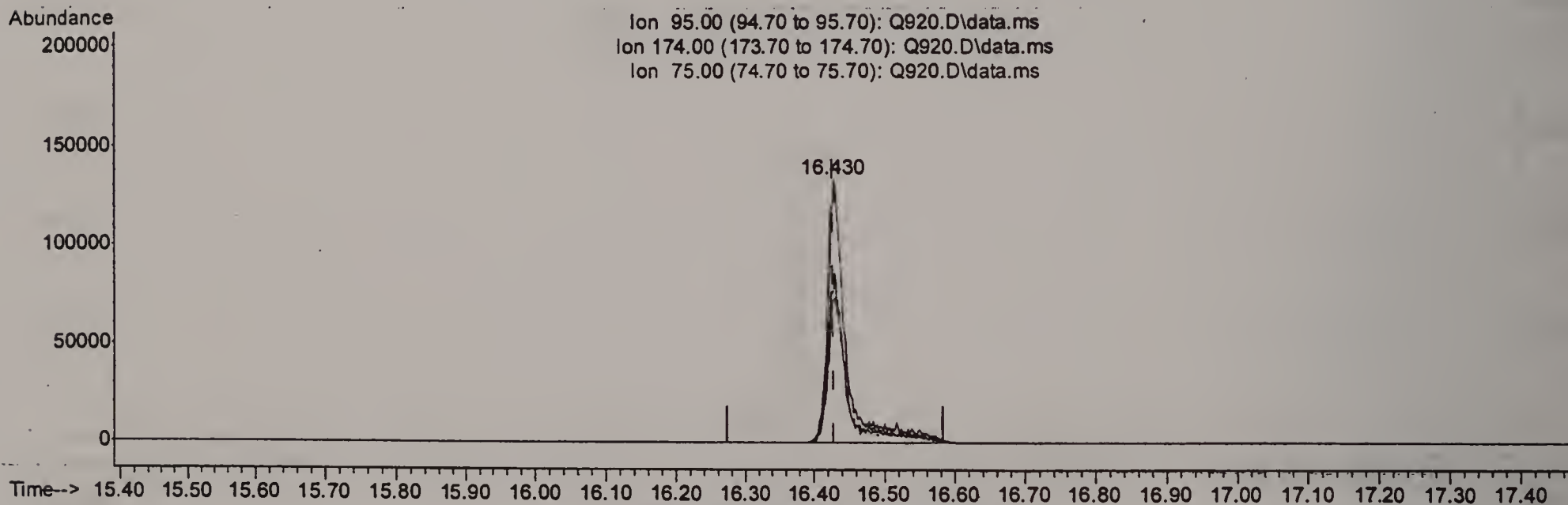
response 211333

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	56.96
75.00	52.30	64.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q920.D
 Acq On : 20 Jun 2006 10:59 am
 Operator : PhilipB
 Sample : M57220-23 (M161)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 11:41:35 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (0.000) 4.36PPBV m

response 252562

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	47.66#
75.00	52.30	54.27
0.00	0.00	0.00

SECTION 2 GC/MS SUPPORT DATA

GC/MS Analysis Case Narrative/Conformance/Non-Conformance Summary

Fraction <u>70 15</u>	<u>NO</u>	<u>YES</u>
1. Chromatograms Labeled/Compounds Identified (<i>Field Samples and Method Blanks</i>)	_____	_____✓
2. GC/MS Tune Meet Criteria	_____	_____✓
3. GC/MS Tuning Frequency – Performed every 24 hours for 600 series and 12 hours for 8000 series.	_____	_____✓
4. GC/MS Calibration – Initial and Continuing Calibration Meet Method Requirements	_____	_____✓
5. GC/MS Calibration Requirements		
a. Calibration Check Compounds	_____	_____✓
b. System Performance Check Compounds	_____	_____✓
6. Blank Contamination	_____	_____✓
<i>If yes, the sample result is qualified with a "B".</i>		
7. Surrogate Recoveries Meet Criteria	_____	_____✓
<i>If the requirement is not met, refer to the Surrogate Summary for comment.</i>		
8. Blank Spike, Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria	_____	_____✓
<i>If the requirement is not met, refer to BSP, MS/MSD Summary for comment.</i>		
9. Extraction Holding Time Met	_____	_____N/A
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
10. Analysis Holding Time Met	_____	_____✓
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
11. Volatile Sample Preservation – pH should be < 2. List any non-compliant samples below:		

Additional Comments: _____

QC Review Signature: Shoufeng Ma

Date: Aug 10, 2006

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Volatile Surrogate Recovery Summary

Page 1 of 1

Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Method: TO-15

Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M58073-1	Q1332.D	70.0
M58073-2	Q1334.D	61.0
M58073-3	Q1335.D	70.0
M58073-3DUP	Q1336.D	67.0
MSQ69-BS	Q1323A.D	93.0
MSQ69-MB	Q1325.D	72.0

Surrogate Compounds	Recovery Limits
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S1 = 4-Bromofluorobenzene	57-139%
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Method Blank Summary

Page 1 of 1

Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ69-MB	Q1325.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58073-1, M58073-2, M58073-3

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
75-09-2	Methylene chloride	0.20	0.20	ppbv		0.69	0.69	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	72% 57-139%

Blank Spike Summary**Job Number:** M58073**Account:** GEI GEI Consultants, Inc.**Project:** Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ69-BS	Q1323A.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58073-1, M58073-2, M58073-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.3	93	61-138
67-66-3	Chloroform	10	10.5	105	65-140
74-87-3	Chloromethane	10	7.9	79	54-142
56-23-5	Carbon tetrachloride	10	10.5	105	60-140
75-34-3	1,1-Dichloroethane	10	9.4	94	66-140
75-35-4	1,1-Dichloroethylene	10	9.1	91	65-127
107-06-2	1,2-Dichloroethane	10	10.6	106	61-149
156-60-5	trans-1,2-Dichloroethylene	10	9.1	91	67-126
156-59-2	cis-1,2-Dichloroethylene	10	9.6	96	71-127
75-09-2	Methylene chloride	10	7.1	71	63-126
71-55-6	1,1,1-Trichloroethane	10	10.7	107	60-143
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	65-145
79-00-5	1,1,2-Trichloroethane	10	10.8	108	65-135
127-18-4	Tetrachloroethylene	10	12.0	120	50-143
79-01-6	Trichloroethylene	10	10.5	105	63-135
75-01-4	Vinyl chloride	10	9.0	90	56-141

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	93%	57-139%

Duplicate Summary

Page 1 of 1

Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M58073-3DUP	Q1336.D	1	08/08/06	PB	n/a	n/a	MSQ69
M58073-3	Q1335.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58073-1, M58073-2, M58073-3

CAS No.	Compound	M58073-3 ppbv	DUP Q	ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	0.24		0.22		9	25
74-87-3	Chloromethane	0.46		0.52		12	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
75-09-2	Methylene chloride	3.1	B	2.9	B	7	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	0.45		0.50		11	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M58073-3	Limits
460-00-4	4-Bromofluorobenzene	67%	70%	57-139%

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ68-BFB

Injection Date: 08/07/06

Lab File ID: Q1306.D

Injection Time: 13:05

Instrument ID: GCMSQ

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	27326	24.4	Pass
75	30.0 - 66.0% of mass 95	61927	55.4	Pass
95	Base peak, 100% relative abundance	111867	100.0	Pass
96	5.0 - 9.0% of mass 95	8195	7.3	Pass
173	Less than 2.0% of mass 174	1020	0.91 (1.2) ^a	Pass
174	50.0 - 120.0% of mass 95	88389	79.0	Pass
175	4.0 - 9.0% of mass 174	5092	4.6 (5.8) ^a	Pass
176	93.0 - 101.0% of mass 174	84322	75.4 (95.4) ^a	Pass
177	5.0 - 9.0% of mass 176	5203	4.7 (6.2) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ68-IC68	Q1306.D	08/07/06	13:05	00:00	Initial cal 5
MSQ68-IC68	Q1307.D	08/07/06	14:44	01:39	Initial cal 2
MSQ68-IC68	Q1308.D	08/07/06	15:27	02:22	Initial cal .5
MSQ68-ICC68	Q1309.D	08/07/06	16:12	03:07	Initial cal 10
MSQ68-IC68	Q1310.D	08/07/06	17:39	04:34	Initial cal .2
MSQ68-IC68	Q1311.D	08/07/06	18:25	05:20	Initial cal 20

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-BFB

Injection Date: 08/08/06

Lab File ID: Q1322.D

Injection Time: 08:18

Instrument ID: GCMSQ

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	41996	24.7	Pass
75	30.0 - 66.0% of mass 95	91082	53.6	Pass
95	Base peak, 100% relative abundance	169936	100.0	Pass
96	5.0 - 9.0% of mass 95	13283	7.8	Pass
173	Less than 2.0% of mass 174	2039	1.2 (1.4) ^a	Pass
174	50.0 - 120.0% of mass 95	142208	83.7	Pass
175	4.0 - 9.0% of mass 174	12064	7.1 (8.5) ^a	Pass
176	93.0 - 101.0% of mass 174	137856	81.1 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	8821	5.2 (6.4) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ69-CC68	Q1323B.D	08/08/06	09:03	00:45	Continuing cal 10
MSQ69-ICV	Q1323.D	08/08/06	09:03	00:45	Initial cal verification
MSQ69-BS	Q1323A.D	08/08/06	09:03	00:45	Blank Spike
MSQ69-MB	Q1325.D	08/08/06	10:39	02:21	Method Blank
ZZZZZZ	Q1326.D	08/08/06	11:27	03:09	(unrelated sample)
ZZZZZZ	Q1327.D	08/08/06	12:15	03:57	(unrelated sample)
ZZZZZZ	Q1328.D	08/08/06	13:02	04:44	(unrelated sample)
ZZZZZZ	Q1329.D	08/08/06	13:58	05:40	(unrelated sample)
ZZZZZZ	Q1331.D	08/08/06	15:45	07:27	(unrelated sample)
M58073-1	Q1332.D	08/08/06	16:53	08:35	045160-9TUFTS-1L
ZZZZZZ	Q1333.D	08/08/06	17:40	09:22	(unrelated sample)
M58073-2	Q1334.D	08/08/06	18:26	10:08	045160-9TUFTS-1R
M58073-3	Q1335.D	08/08/06	19:12	10:54	045160-9TUFTS-BR
M58073-3DUP	Q1336.D	08/08/06	19:57	11:39	Duplicate

Volatile Internal Standard Area Summary

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Job Number: M58073
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ69-CC68	Injection Date:	08/08/06
Lab File ID:	Q1323B.D	Injection Time:	09:03
Instrument ID:	GCMSQ	Method:	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	586635	8.68	1456860	10.52	940671	14.76
Upper Limit ^a	821289	9.01	2039604	10.85	1316939	15.09
Lower Limit ^b	351981	8.35	874116	10.19	564403	14.43

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ69-BS	586635	8.68	1456860	10.52	940671	14.76
MSQ69-MB	468774	8.68	1114562	10.51	617315	14.77
ZZZZZZ	418568	8.68	1022255	10.51	614347	14.76
ZZZZZZ	430550	8.68	1220200	10.52	889836	14.76
ZZZZZZ	528053	8.69	1293540	10.52	783027	14.76
ZZZZZZ	482631	8.68	1230406	10.51	792397	14.76
ZZZZZZ	390280	8.68	1002885	10.52	621396	14.76
M58073-1	457388	8.71	1252885	10.52	771164	14.76
ZZZZZZ	424176	8.68	1035637	10.52	658854	14.76
M58073-2	422070	8.68	1017173	10.52	631578	14.76
M58073-3	439482	8.68	1042286	10.51	629753	14.76
M58073-3DUP	442111	8.68	998713	10.52	596011	14.76

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15	
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.20	10.52	0.970	ok 0.971	0.911-1.031
Bromodichloromethane	11.16	10.52	1.061	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.85	8.68	0.559	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.52	0.995	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.52	1.044	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.52	1.064	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	17.99	14.76	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.72	8.68	1.005	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.52	1.089	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	Reporting this level
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15	
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.03	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.52	1.207	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.36	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.76	0.957	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.98	10.52	1.234	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.52	1.065	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.38	14.76	1.042	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	535678	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1241423	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	844819	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.57	8.68	0.526	ok 0.527	0.467-0.587
Benzene	10.21	10.51	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.51	1.063	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.85	8.68	0.559	ok 0.559	0.499-0.619
Bromoethene	5.39	8.68	0.621	ok 0.622	0.562-0.682
Benzyl Chloride	17.98	14.76	1.218	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.07	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.51	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.51	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.51	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.51	1.144	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.76	1.220	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.06	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.51	1.191	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.51	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.52	14.76	1.119	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.57	8.68	0.757	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.51	1.146	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.76	8.68	0.894	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.34	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.51	1.069	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.68	0.744	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.76	0.957	ok 0.956	0.896-1.016
Tetrahydrofuran	9.20	8.68	1.060	ok 1.059	0.999-1.119
Toluene	12.98	10.51	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.21	10.51	1.067	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.36	14.76	1.041	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	466770	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1135344	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	738300	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.63	8.68	0.649	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.21	10.52	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.16	10.52	1.061	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.96	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.22	8.68	0.486	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.48	10.52	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.70	8.68	0.887	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.51	8.68	1.096	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.99	10.52	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.20	10.52	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.52	8.68	0.866	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.51	8.68	0.980	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.76	1.220	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.47	10.52	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.71	8.68	1.003	ok 1.004	0.944-1.064
2-Hexanone	13.21	14.76	0.895	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
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Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.57	8.68	0.757	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.09	8.68	0.932	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.76	8.68	0.894	ok 0.893	0.833-0.953
Nonane	16.09	14.76	1.090	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.52	1.207	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.34	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.22	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.20	8.68	1.060	ok 1.059	0.999-1.119
Toluene	12.98	10.52	1.234	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.52	1.065	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.83	8.68	0.672	ok 0.671	0.611-0.731
Vinyl chloride	4.43	8.68	0.510	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.37	14.76	1.041	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	543338	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1237069	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	761409	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15 Reporting this level
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.20	10.51	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.51	1.063	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.34	8.68	1.191	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.51	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.51	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.51	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.51	1.144	ok 1.143	1.083-1.203
m-Dichlorobenzene	17.99	14.76	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.51	1.191	ok 1.191	1.131-1.251
Ethanol	5.11	8.68	0.589	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.51	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.51	1.146	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.77	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.22	10.51	1.068	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.98	10.51	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.51	1.066	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.38	14.76	1.042	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	638106	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1575137	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	1067900	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Chloroethane	5.04	8.68	0.581	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
1,1-Dichloroethane	7.70	8.68	0.887	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
trans-1,2-Dichloroethylene	7.50	8.68	0.864	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.51	8.68	0.980	ok 0.981	0.921-1.041
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Isopropyl Alcohol	5.87	8.68	0.676	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
Tertiary Butyl Alcohol	6.48	8.68	0.747	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Trichloroethylene	11.20	10.51	1.066	ok 1.065	1.005-1.125
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	405882	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1076973	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	644742	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.21	10.52	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.52	1.062	ok 1.062	1.002-1.122
Bromoform	15.49	14.77	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.77	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.77	1.003	ok 1.003	0.943-1.063
Chloroethane	5.04	8.68	0.581	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.77	1.156	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.52	0.995	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.77	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.52	1.044	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.52	1.064	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.05	8.68	0.467	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.77	0.908	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.52	8.68	0.866	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.77	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.77	1.249	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.77	1.223	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.13	8.68	0.591	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.77	1.028	ok 1.029	0.969-1.089
Ethyl Acetate	8.72	8.68	1.005	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.77	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.52	1.089	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.77	1.411	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.77	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

Page 11 of 11

Job Number: M58073

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

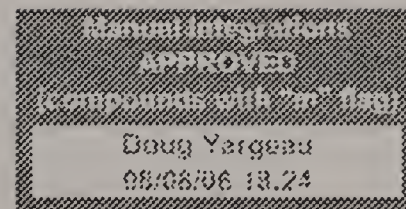
Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.77	1.119	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.88	8.68	0.677	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.77	1.089	ok 1.089	1.029-1.149
Pentane	6.19	8.68	0.713	ok 0.712	0.652-0.772
Propylene	3.98	8.68	0.459	ok 0.458	0.398-0.518
Styrene	15.76	14.77	1.067	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.77	1.074	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.71	10.52	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.77	1.378	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.77	1.206	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.77	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.48	8.68	0.747	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.77	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.99	10.52	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.21	10.52	1.066	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.83	8.68	0.672	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.84	8.68	0.903	ok 0.902	0.842-0.962
m,p-Xylene	15.39	14.77	1.042	ok 1.042	0.982-1.102
o-Xylene	15.89	14.77	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	600142	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1469509	ok 1289243	773546-1804940
Chlorobenzene-D5	14.77	ok 14.76	14.43-15.09	1043305	ok 850079	510047-1190111

Sample Raw Data

$$\frac{70 - 15}{(\text{Test})}$$

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:23:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.710	128	457388	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.522	114	1252885	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.764	117	771164	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	136399m	3.52	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	70.40%

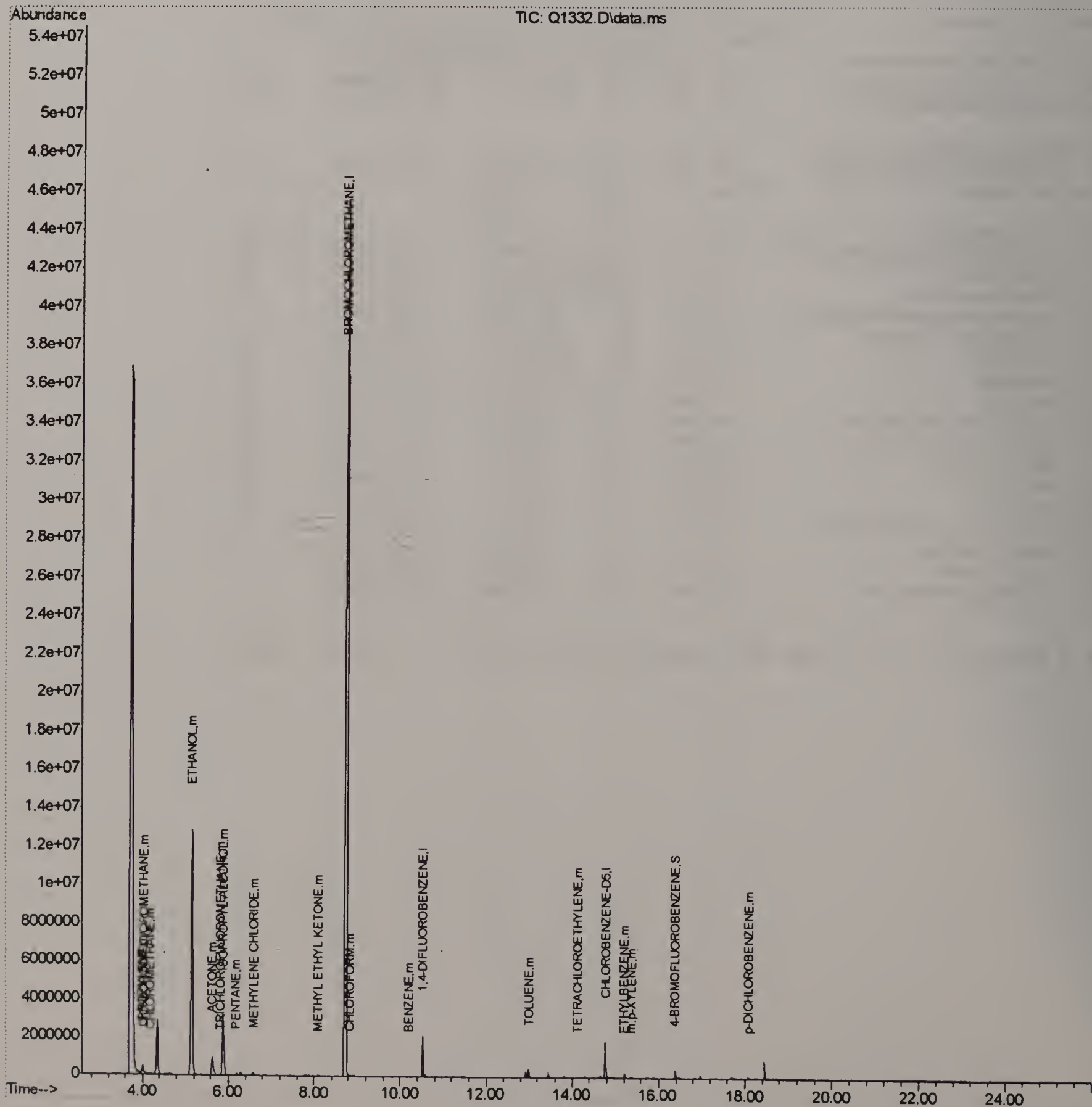
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	133392	0.70	PPBV	76
3) PROPYLENE	3.996	41	141330	4.62	PPBV #	34
5) CHLOROMETHANE	4.204	50	23564	0.49	PPBV	79
10) TRICHLOROFLUOROMETHANE	5.820	101	70732m	0.31	PPBV	
11) ISOPROPYL ALCOHOL	5.879	45	4438694	80.62	PPBV	91
12) ACETONE	5.625	43	1620193	20.70	PPBV	88
13) PENTANE	6.193	42	47542	0.96	PPBV #	68
16) ETHANOL	5.160	45	18796159	1122.58	PPBV	95
18) METHYLENE CHLORIDE	6.585	84	63477	1.16	PPBV	85
28) METHYL ETHYL KETONE	8.087	43	55683	0.56	PPBV	91
31) CHLOROFORM	8.827	83	26160	0.18	PPBV	96
36) BENZENE	10.204	78	16864	0.16	PPBV	89
46) TOLUENE	12.982	92	142837	2.39	PPBV	94
51) TETRACHLOROETHYLENE	14.118	164	7318	0.18	PPBV #	73
55) ETHYLBENZENE	15.182	91	17941	0.17	PPBV #	71
56) m,p-XYLENE	15.360	106	17185m	0.44	PPBV	
70) p-DICHLOROBENZENE	18.068	146	39545m	0.86	PPBV	

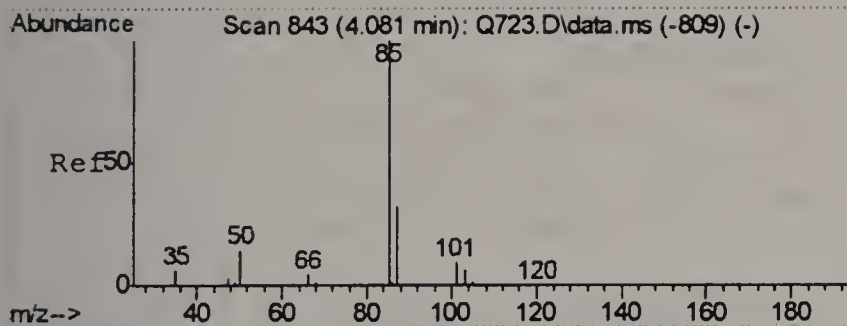
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

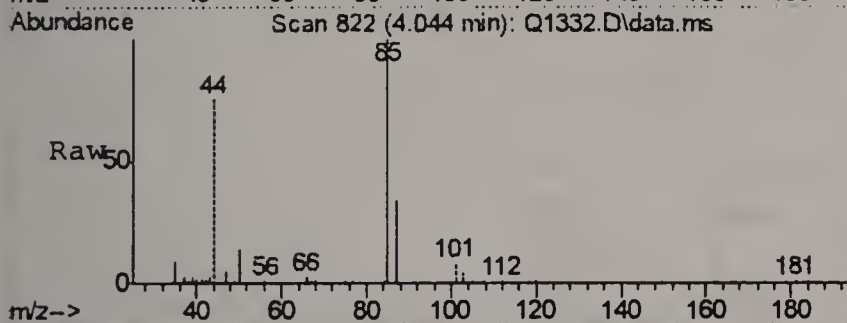
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 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:23:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

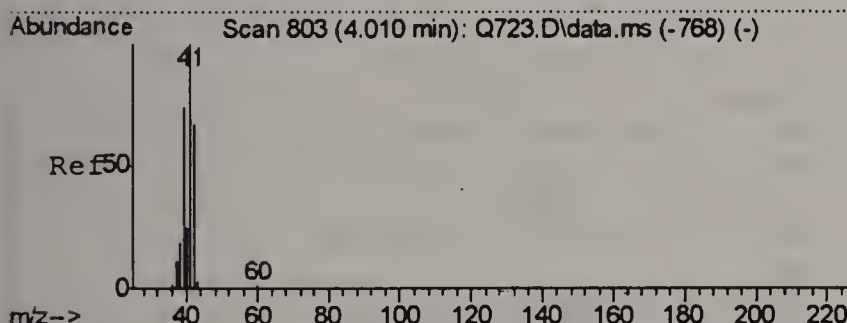
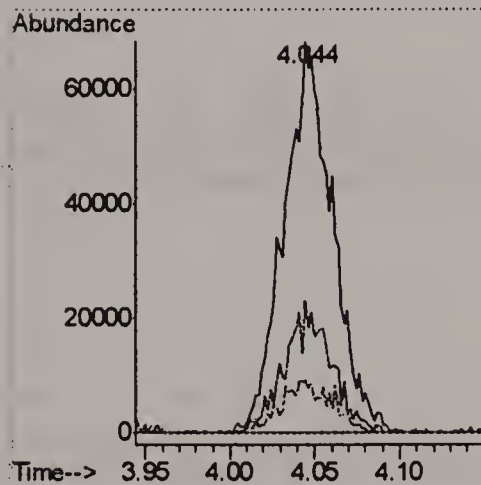
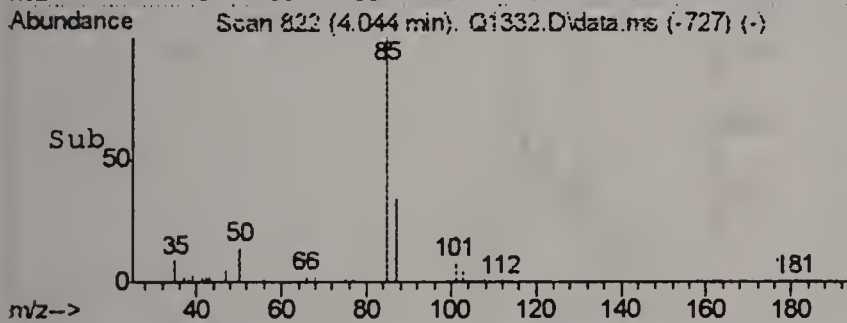




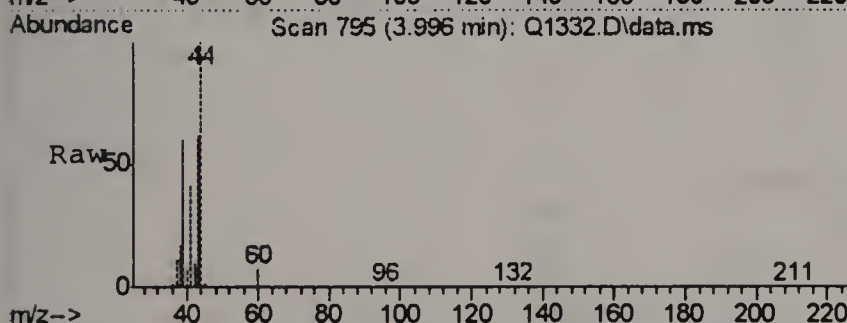
#2
DICHLORODIFLUOROMETHANE
Concen: 0.70 PPBV
RT: 4.044 min Scan# 822
Delta R.T. -0.037 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm



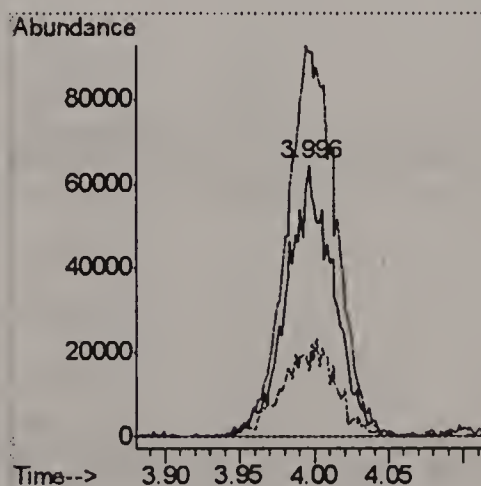
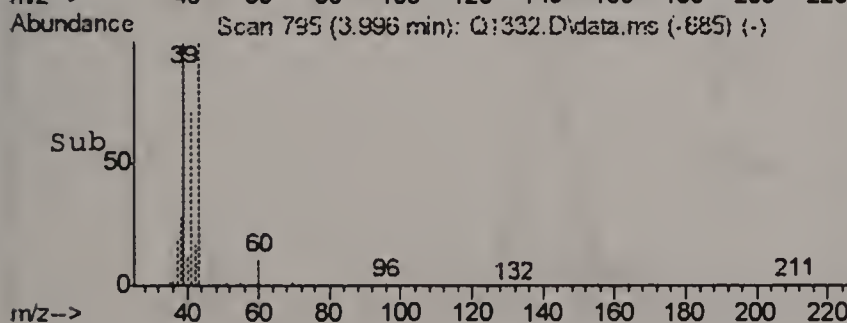
Tgt Ion: 85 Resp: 133392
Ion Ratio Lower Upper
85 100
87 12.8 11.9 51.9
50 13.8 0.0 35.5

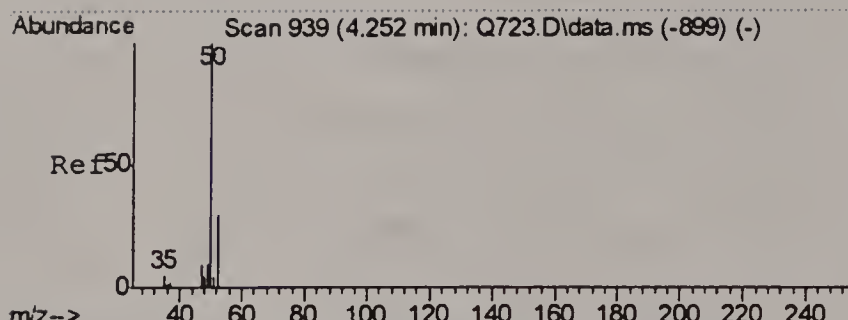


#3
PROPYLENE
Concen: 4.62 PPBV
RT: 3.996 min Scan# 795
Delta R.T. -0.011 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm



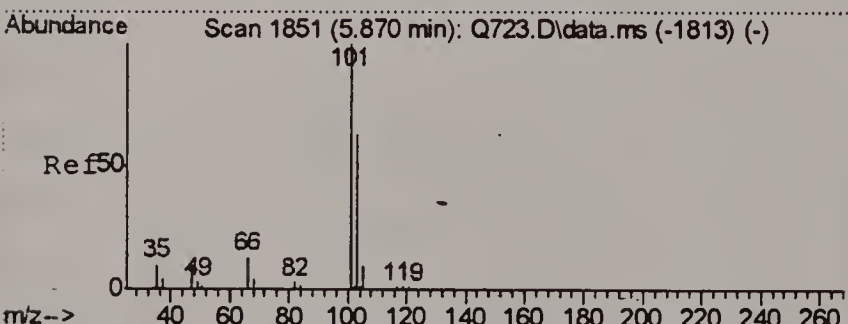
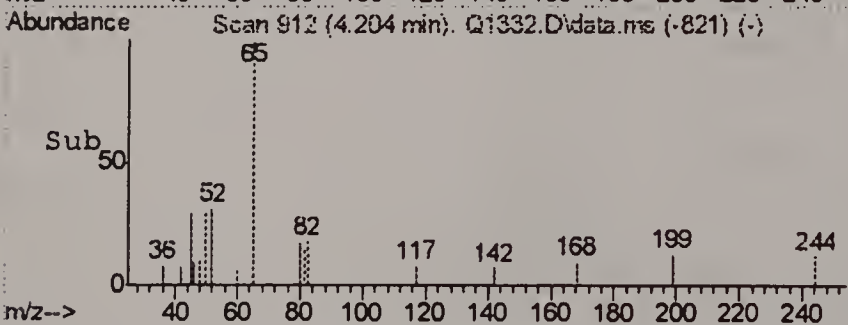
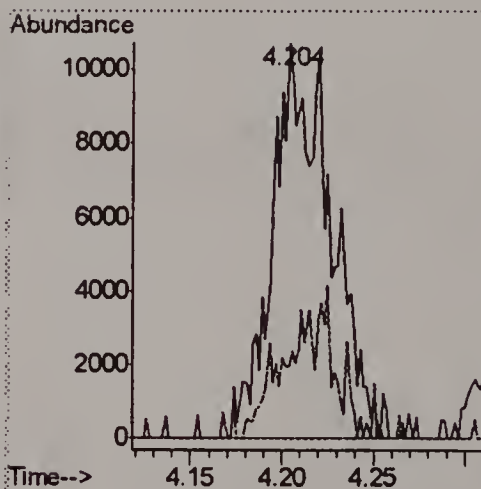
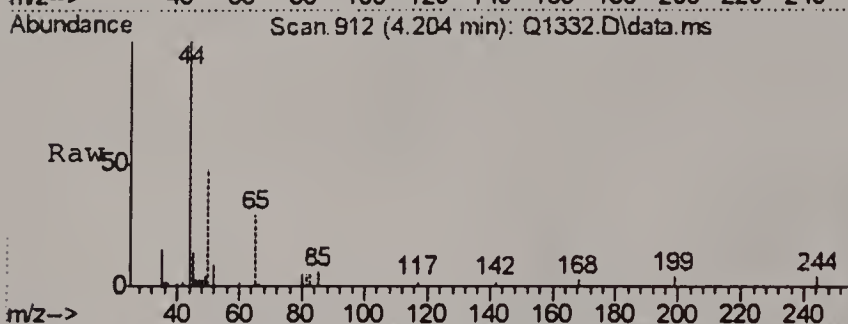
Tgt Ion: 41 Resp: 141330
Ion Ratio Lower Upper
41 100
39 141.4 55.3 95.3#
42 24.7 46.8 86.8#





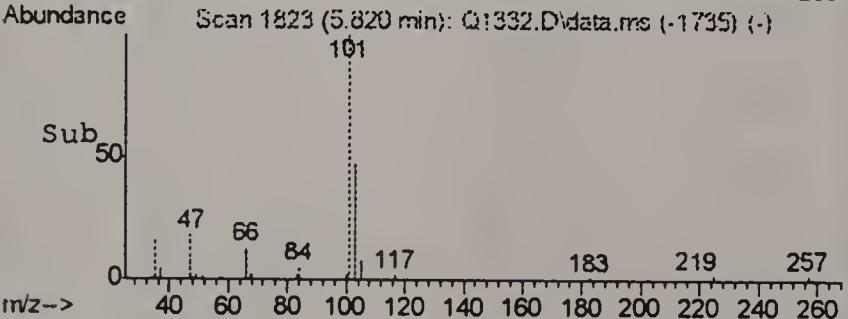
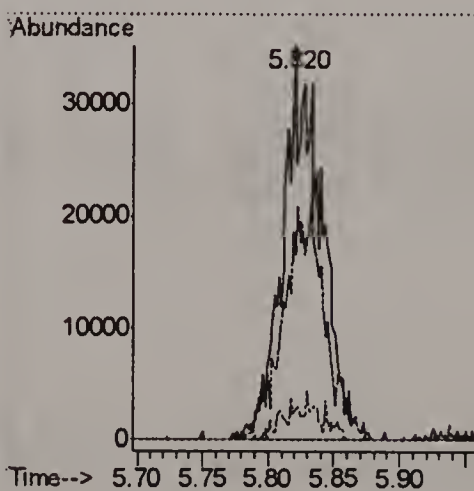
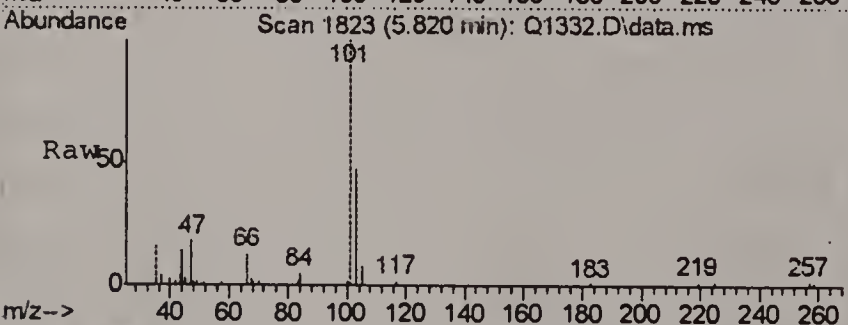
#5
 CHLOROMETHANE
 Concen: 0.49 PPBV
 RT: 4.204 min Scan# 912
 Delta R.T. -0.045 min
 Lab File: Q1332.D
 Acq: 8 Aug 2006 4:53 pm

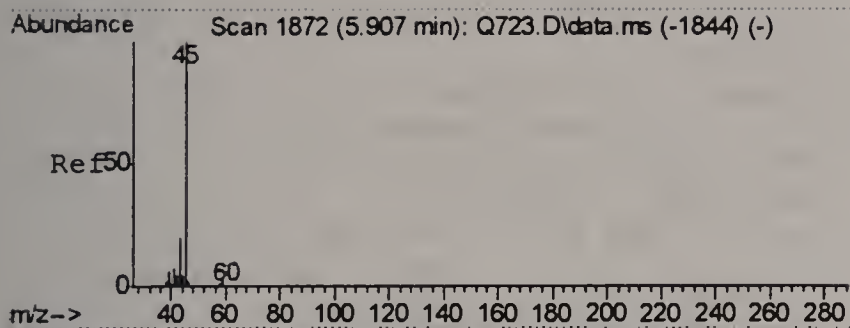
Tgt Ion: 50 Resp: 23564
 Ion Ratio Lower Upper
 50 100
 52 18.3 9.7 49.7



#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.31 PPBV m
 RT: 5.820 min Scan# 1823
 Delta R.T. -0.050 min
 Lab File: Q1332.D
 Acq: 8 Aug 2006 4:53 pm

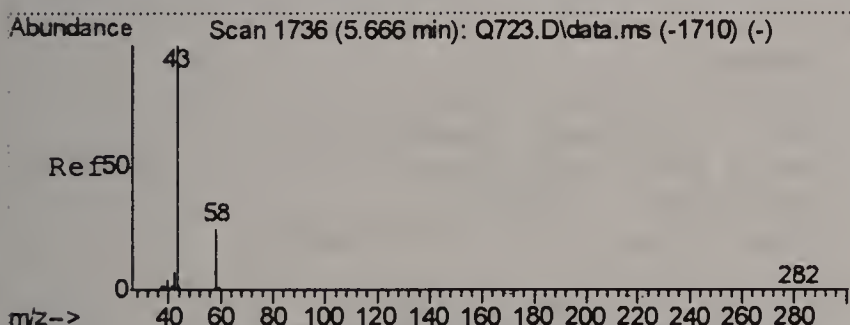
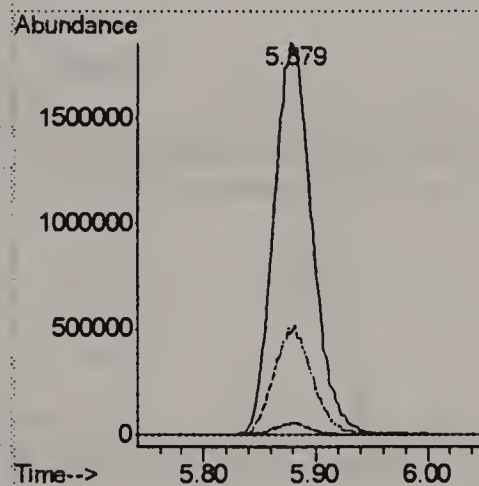
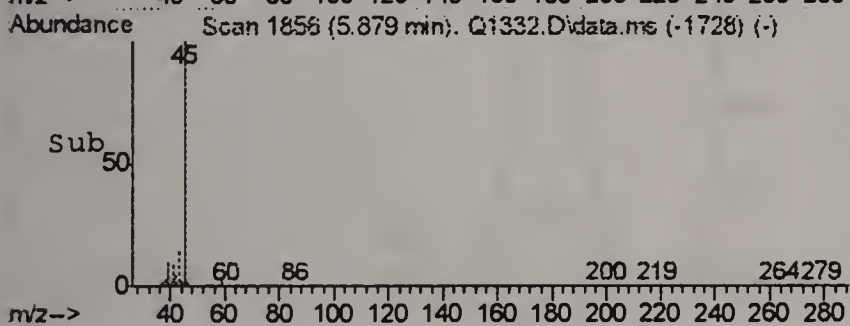
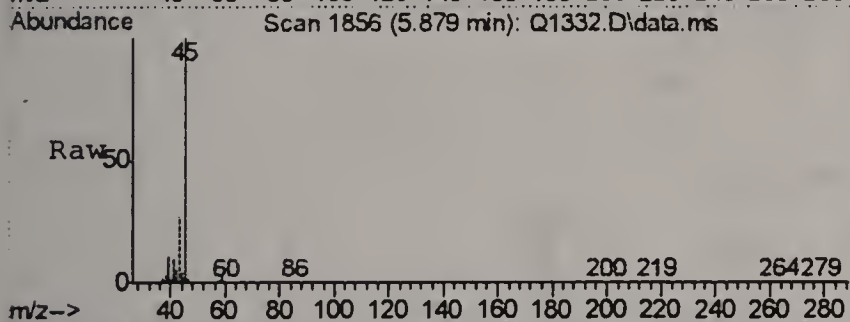
Tgt Ion: 101 Resp: 70732
 Ion Ratio Lower Upper
 101 100
 103 64.7 44.3 84.3
 105 7.7 0.0 30.4





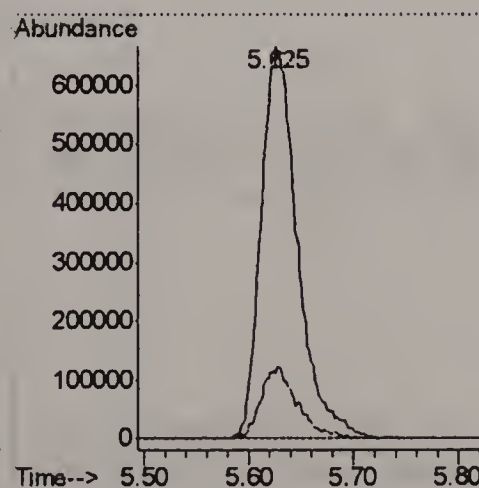
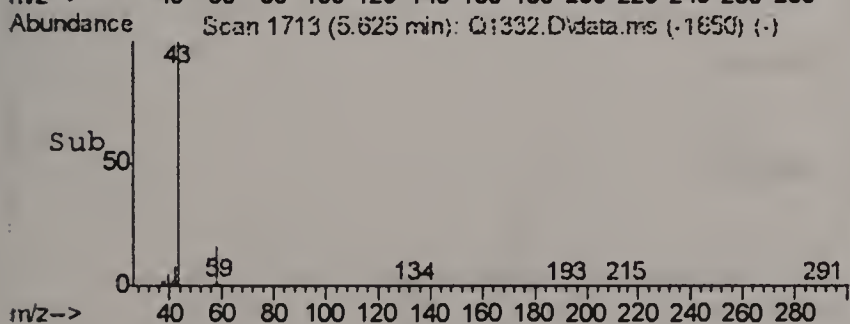
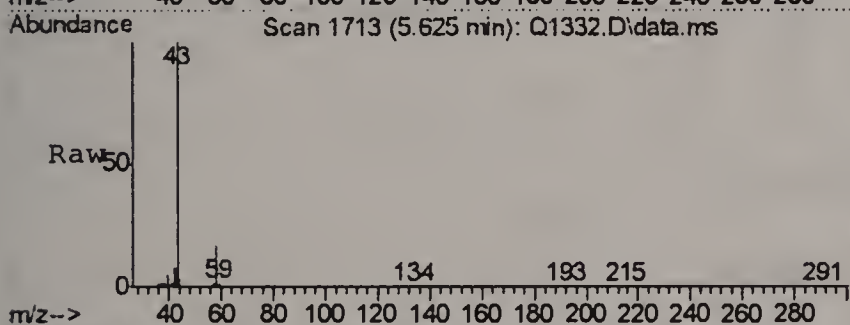
#11
ISOPROPYL ALCOHOL
Concen: 80.62 PPBV
RT: 5.879 min Scan# 1856
Delta R.T. -0.031 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

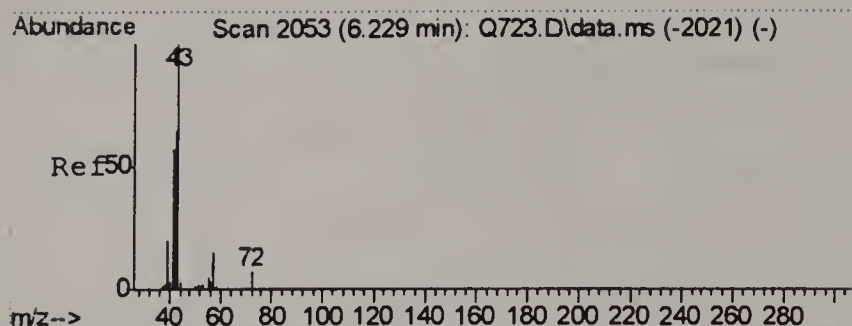
Tgt Ion	Ratio	Lower	Upper
45	100		
59	3.3	0.0	23.5
43	26.6	1.6	41.6



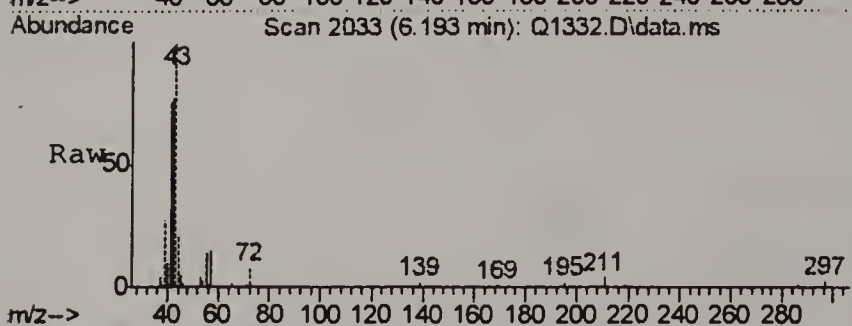
#12
ACETONE
Concen: 20.70 PPBV
RT: 5.625 min Scan# 1713
Delta R.T. -0.044 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.4	4.1	44.1

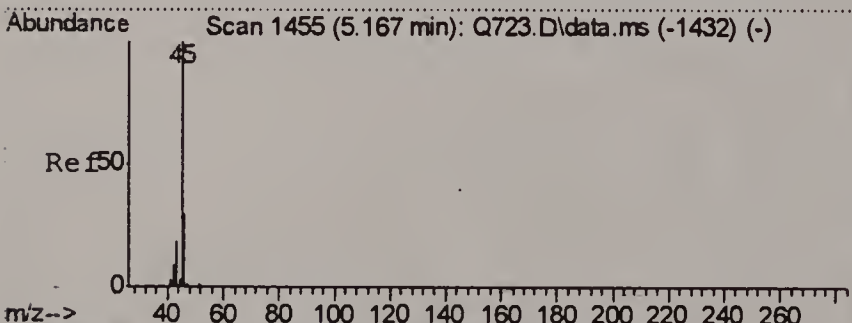
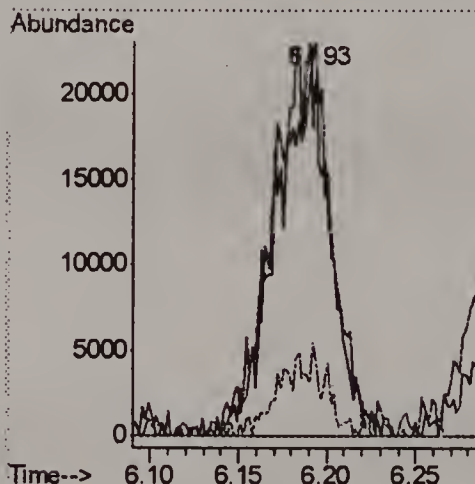
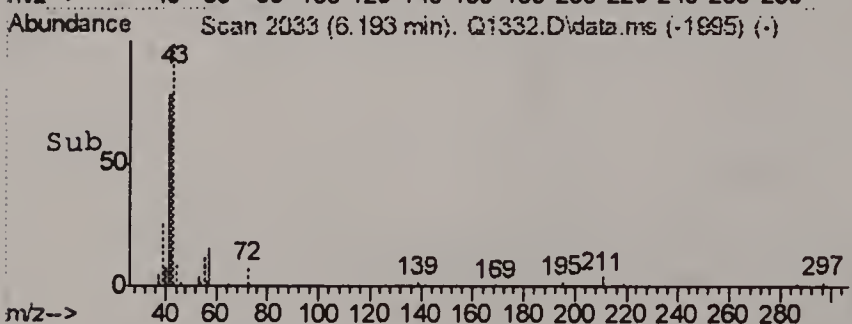




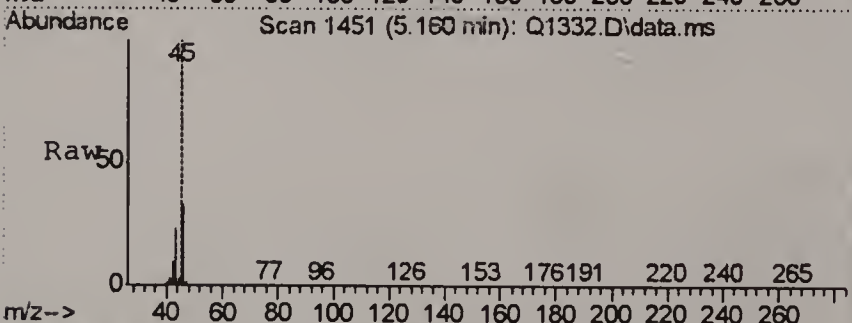
#13
PENTANE
Concen: 0.96 PPBV
RT: 6.193 min Scan# 2033
Delta R.T. -0.035 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm



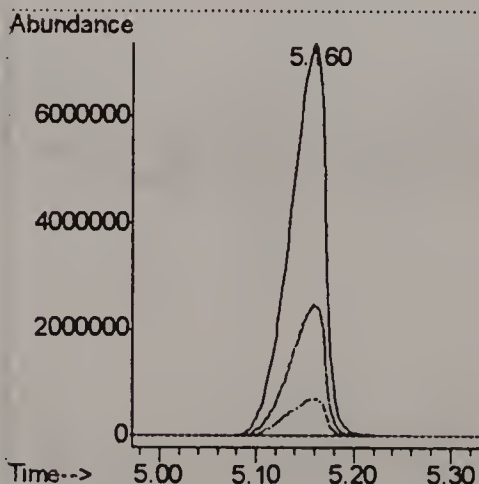
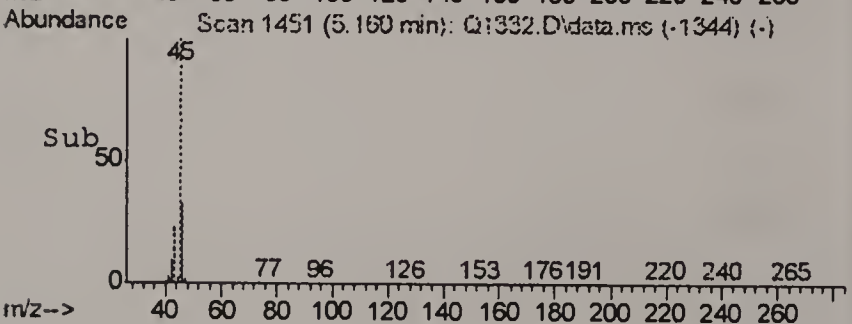
Tgt Ion: 42 Resp: 47542
Ion Ratio Lower Upper
42 100
41 59.7 72.2 112.2#
57 11.5 1.9 41.9

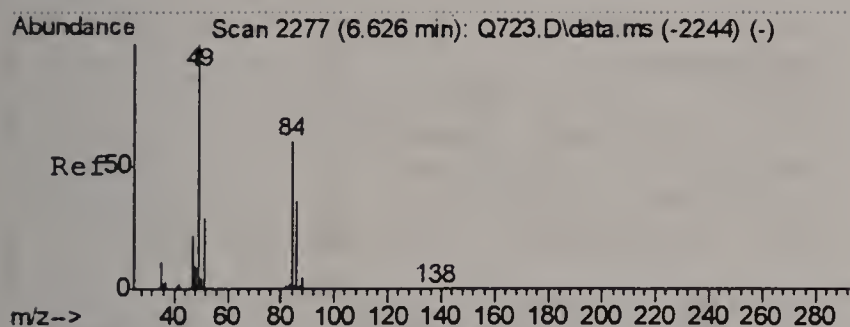


#16
ETHANOL
Concen: 1122.58 PPBV
RT: 5.160 min Scan# 1451
Delta R.T. -0.016 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm



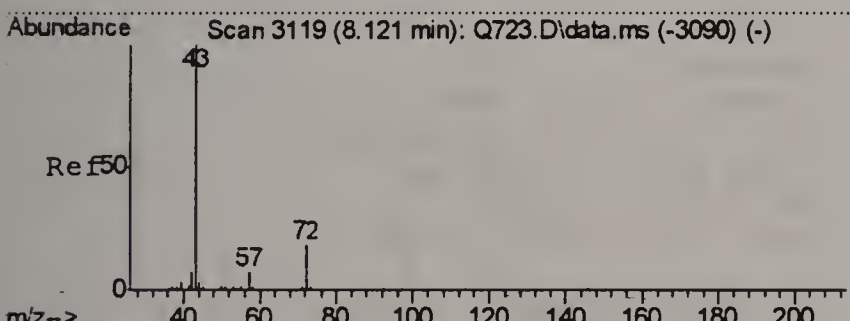
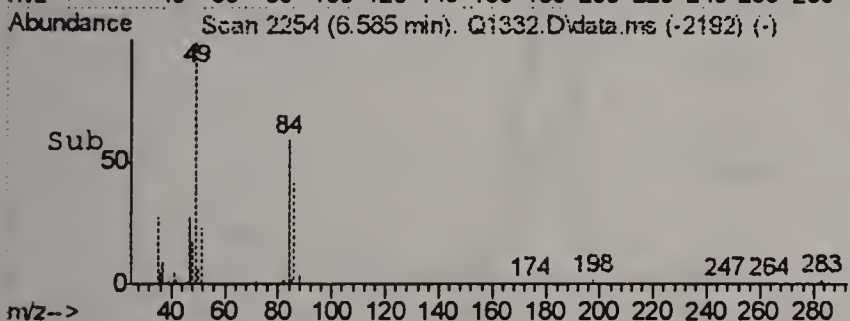
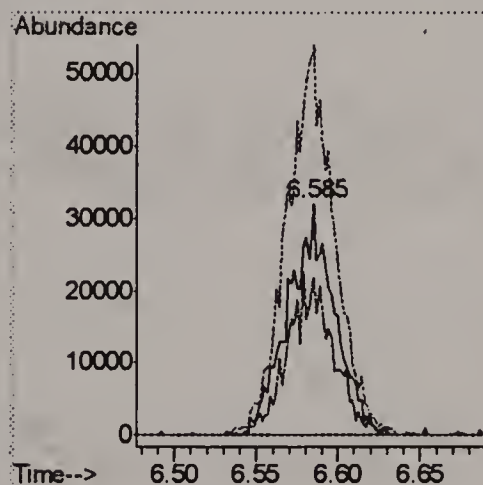
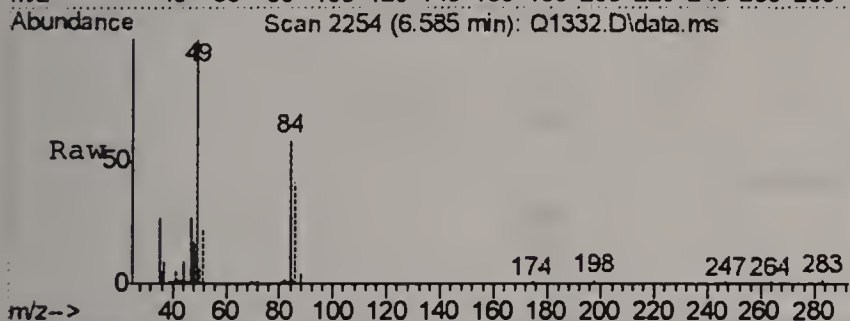
Tgt Ion: 45 Resp: 18796159
Ion Ratio Lower Upper
45 100
46 33.6 16.4 56.4
42 10.7 0.0 28.8





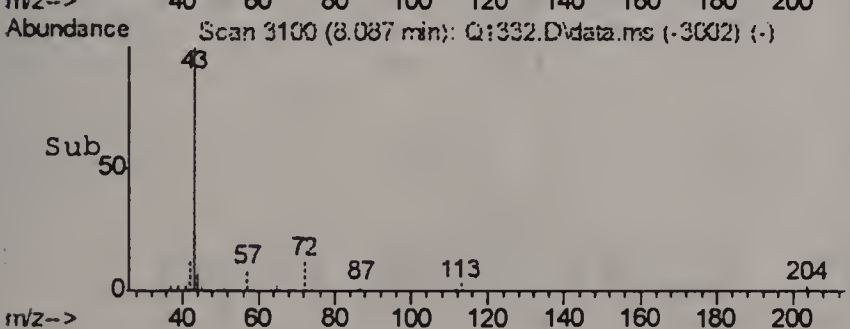
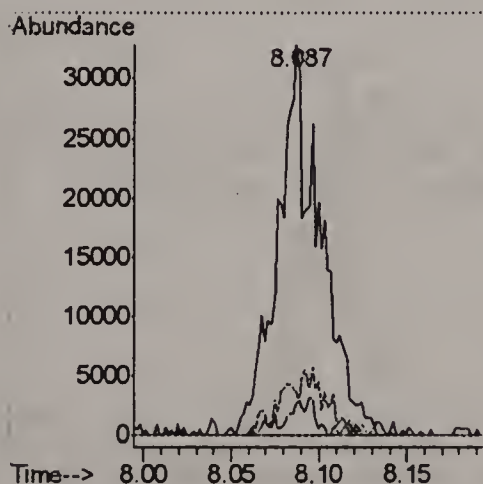
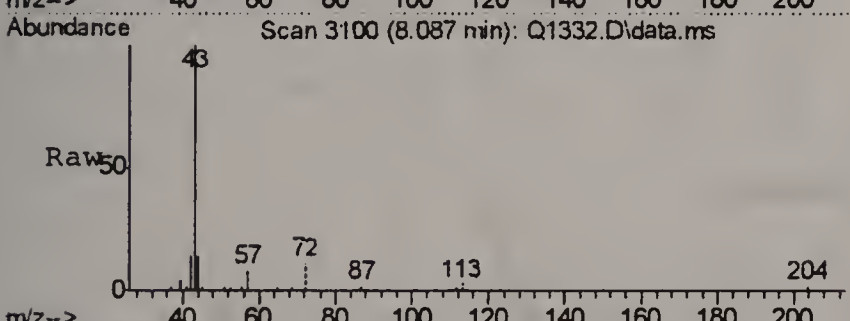
#18
METHYLENE CHLORIDE
Concen: 1.16 PPBV
RT: 6.585 min Scan# 2254
Delta R.T. -0.041 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

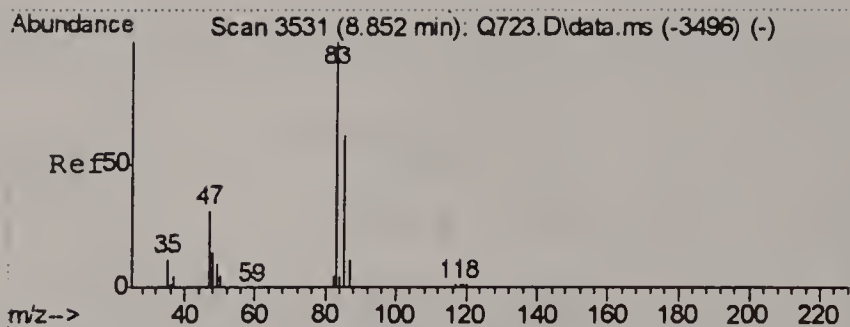
Tgt Ion: 84 Resp: 63477
Ion Ratio Lower Upper
84 100
86 67.5 44.6 84.6
49 172.3 0.7 400.7



#28
METHYL ETHYL KETONE
Concen: 0.56 PPBV
RT: 8.087 min Scan# 3100
Delta R.T. -0.032 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

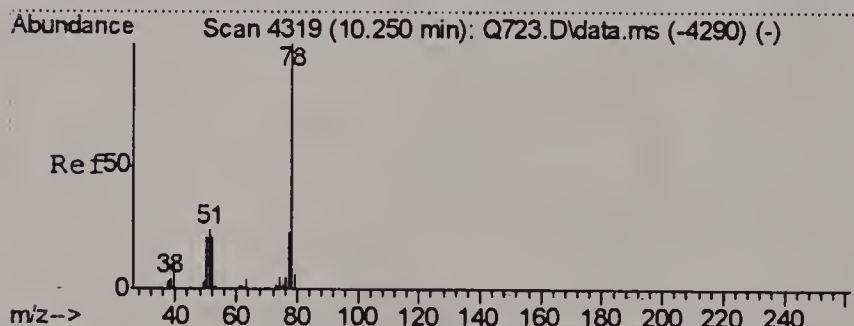
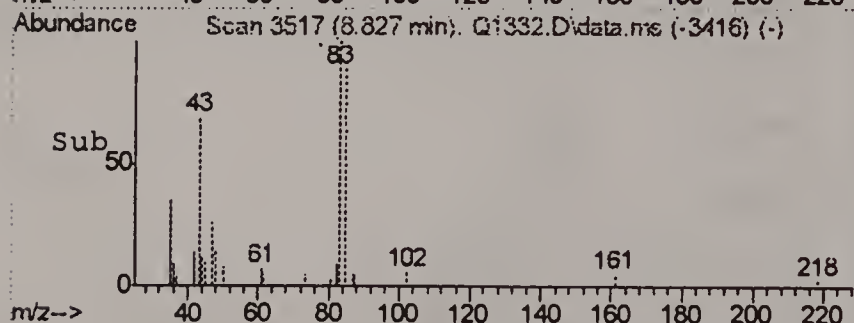
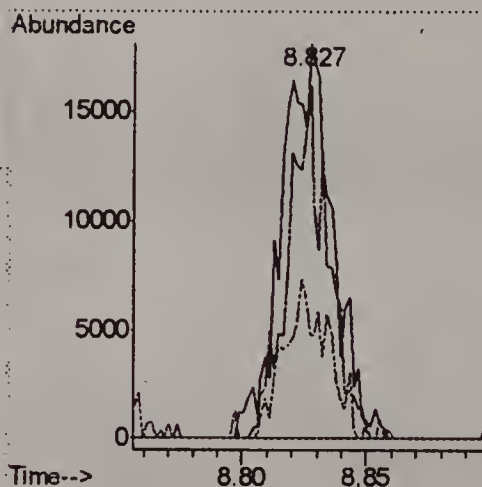
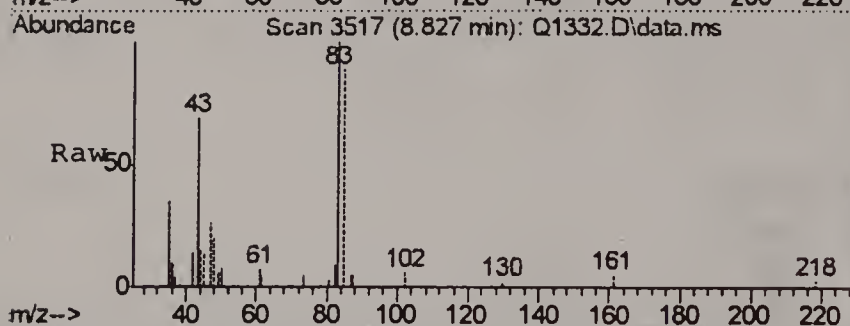
Tgt Ion: 43 Resp: 55683
Ion Ratio Lower Upper
43 100
57 8.1 0.0 26.7
72 11.3 0.0 36.0





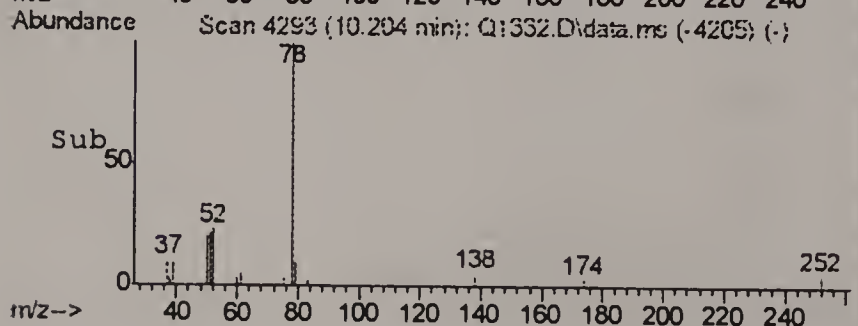
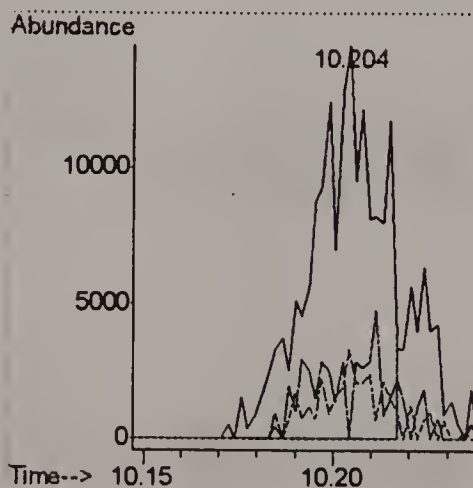
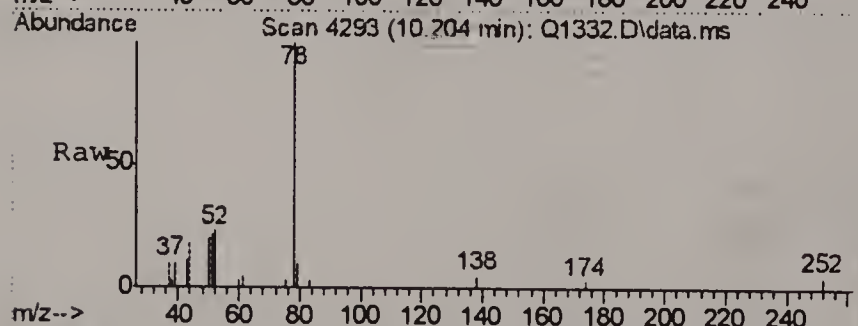
#31
CHLOROFORM
Concen: 0.18 PPBV
RT: 8.827 min Scan# 3517
Delta R.T. -0.027 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

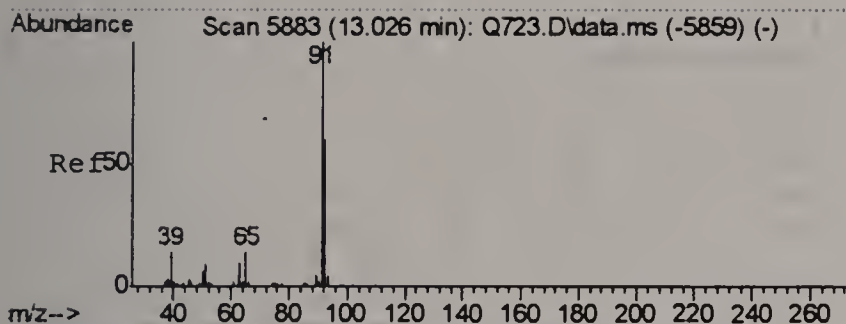
Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.3	44.8	84.8
47	33.6	13.7	53.7



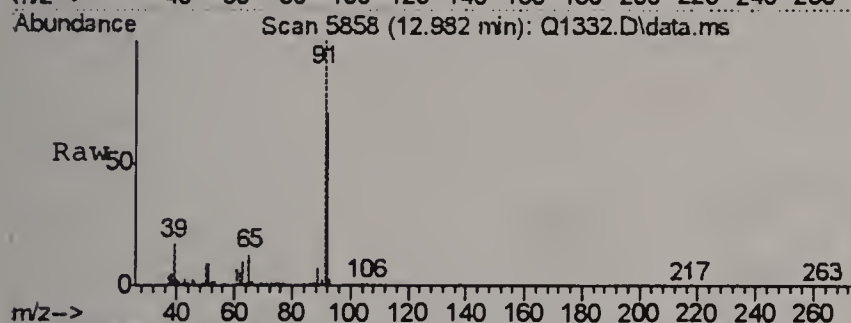
#36
BENZENE
Concen: 0.16 PPBV
RT: 10.204 min Scan# 4293
Delta R.T. -0.050 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.2	3.4	43.4
52	16.3	2.0	42.0

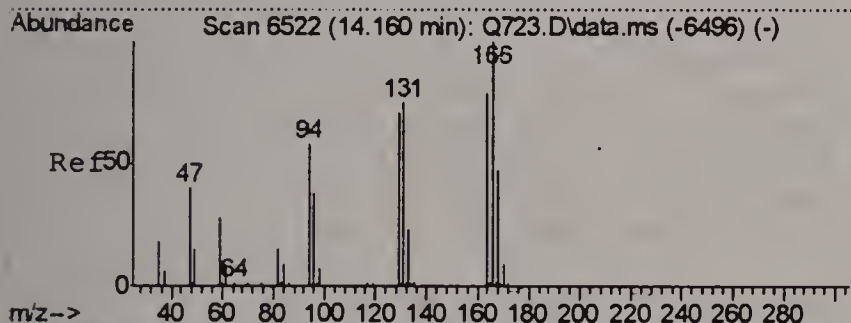
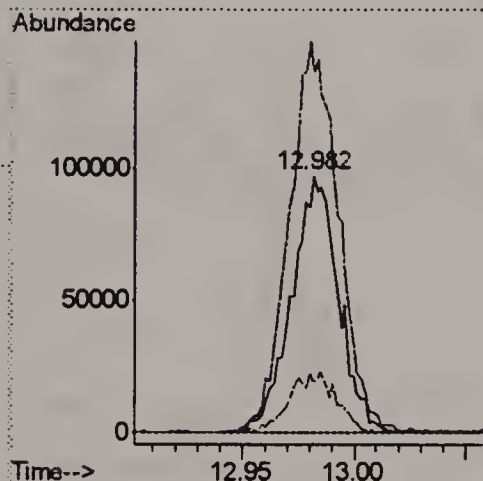
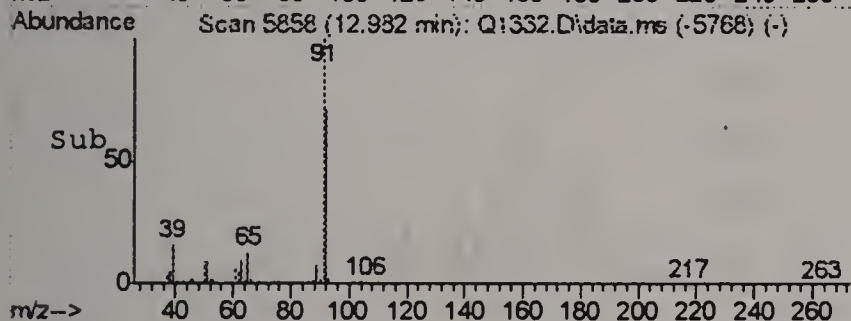




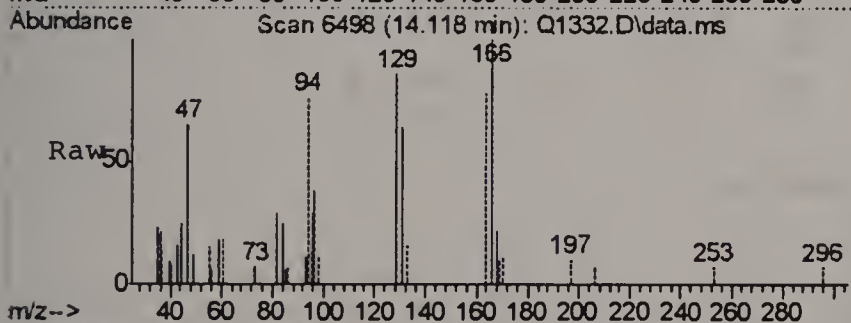
#46
TOLUENE
Concen: 2.39 PPBV
RT: 12.982 min Scan# 5858
Delta R.T. -0.046 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm



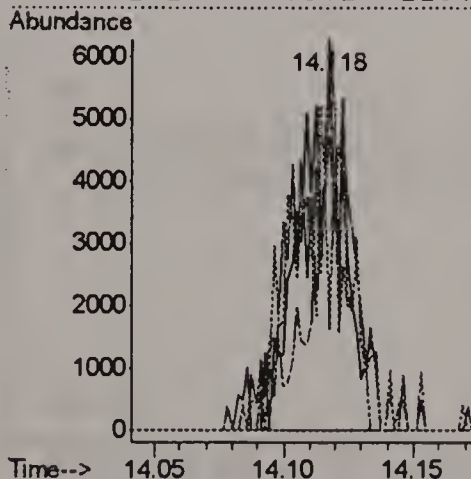
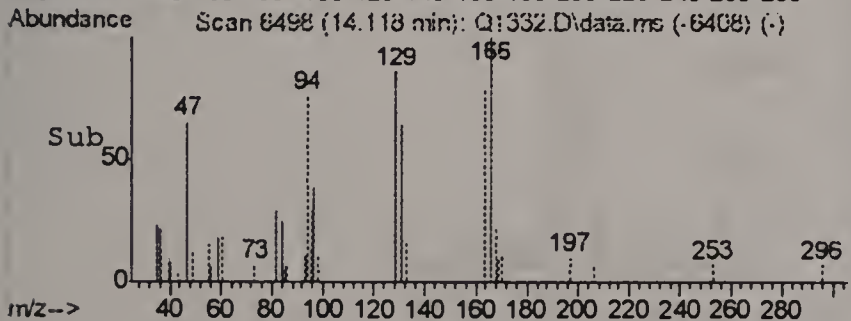
Tgt Ion: 92 Resp: 142837
Ion Ratio Lower Upper
92 100
91 159.7 149.4 189.4
65 24.0 3.6 43.6

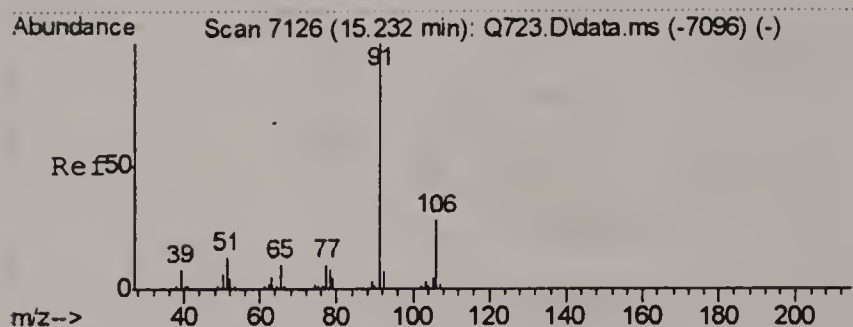


#51
TETRACHLOROETHYLENE
Concen: 0.18 PPBV
RT: 14.118 min Scan# 6498
Delta R.T. -0.045 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm



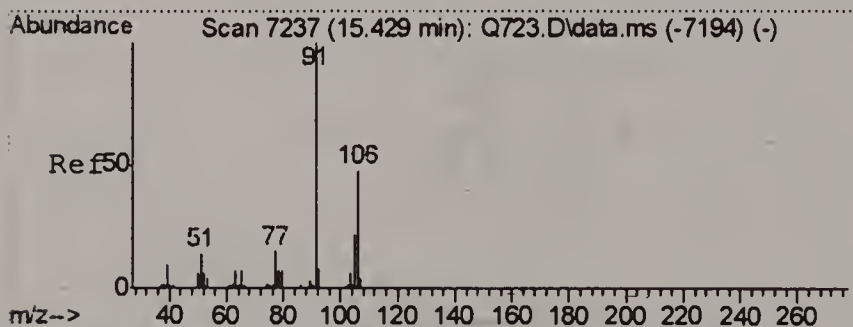
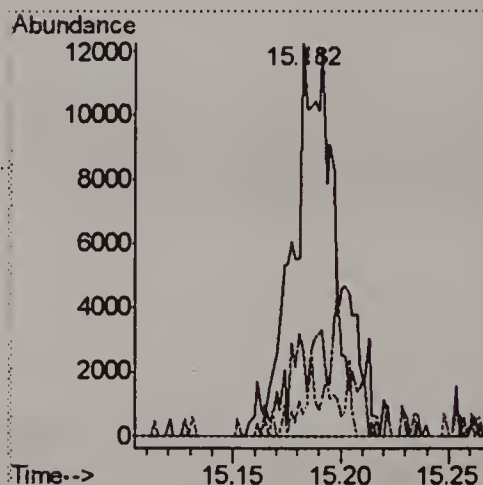
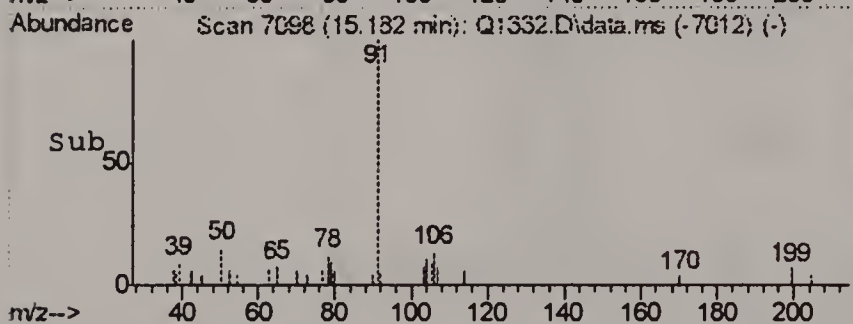
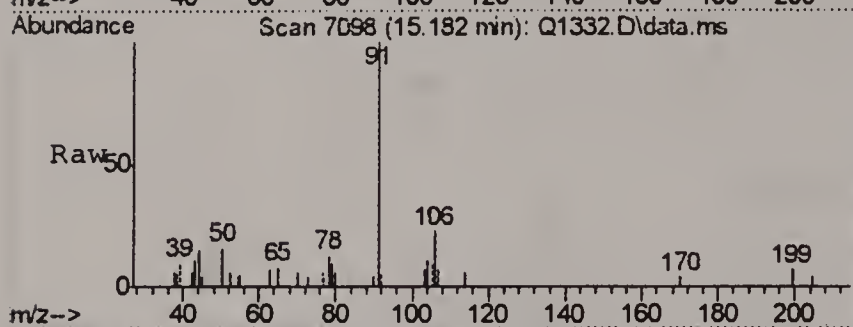
Tgt Ion: 164 Resp: 7318
Ion Ratio Lower Upper
164 100
129 51.4 75.5 115.5#
168 38.7 42.7 82.7#
131 101.5 75.2 115.2





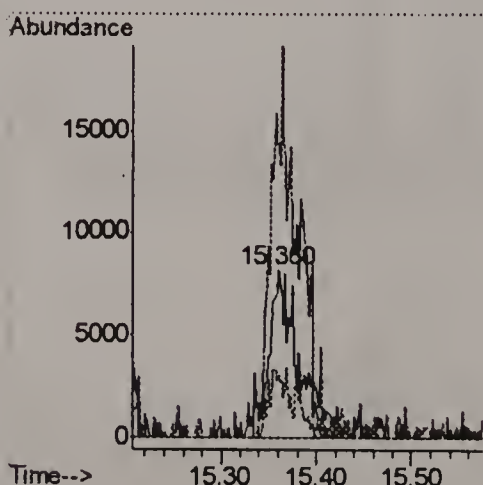
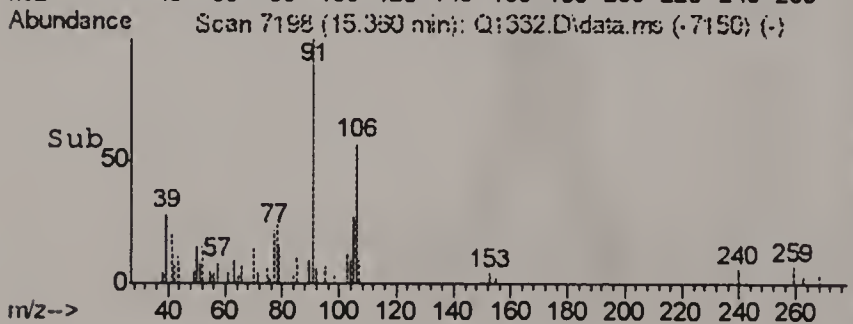
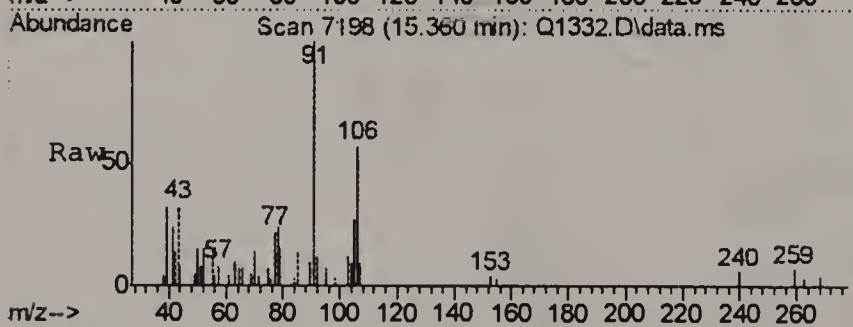
#55
ETHYLBENZENE
Concen: 0.17 PPBV
RT: 15.182 min Scan# 7098
Delta R.T. -0.053 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

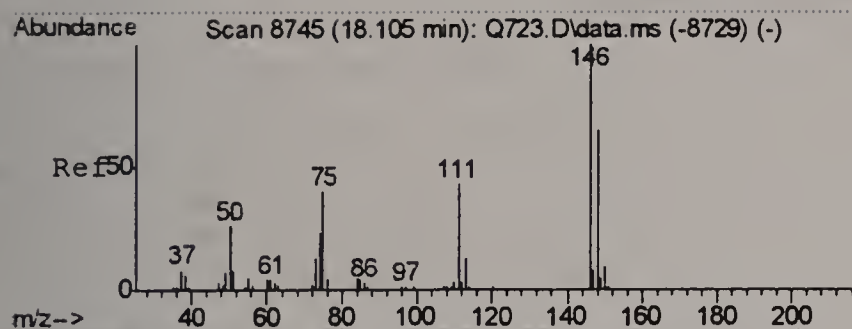
Tgt Ion	Resp	Lower	Upper
91	17941		
106	11.7	7.4	47.4
77	0.0	0.0	29.5



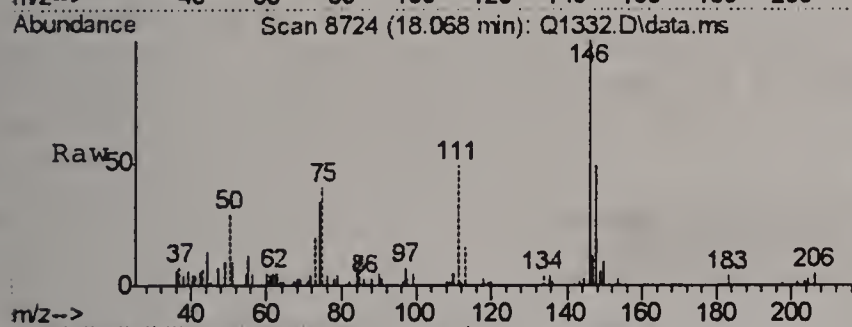
#56
m,p-XYLENE
Concen: 0.44 PPBV m
RT: 15.360 min Scan# 7198
Delta R.T. -0.069 min
Lab File: Q1332.D
Acq: 8 Aug 2006 4:53 pm

Tgt Ion	Resp	Lower	Upper
106	17185		
91	176.4	182.7	274.1#
77	38.2	25.4	38.2#

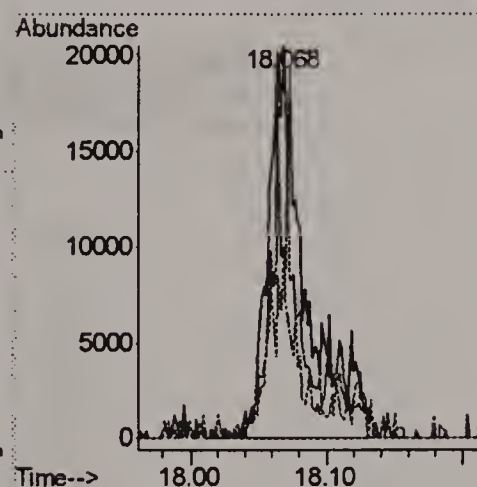
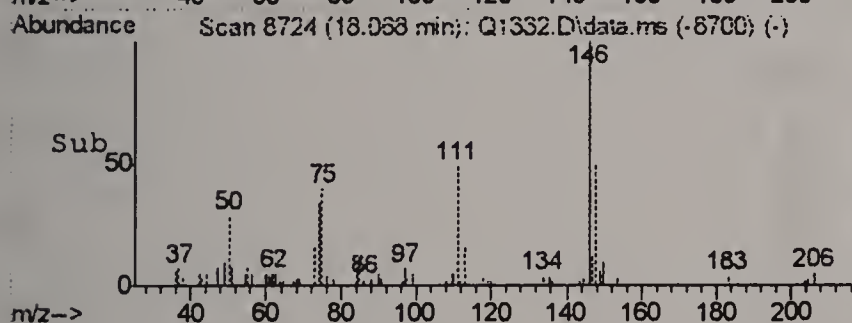




#70
 p-DICHLOROBENZENE
 Concen: 0.86 PPBV m
 RT: 18.068 min Scan# 8724
 Delta R.T. -0.039 min
 Lab File: Q1332.D
 Acq: 8 Aug 2006 4:53 pm



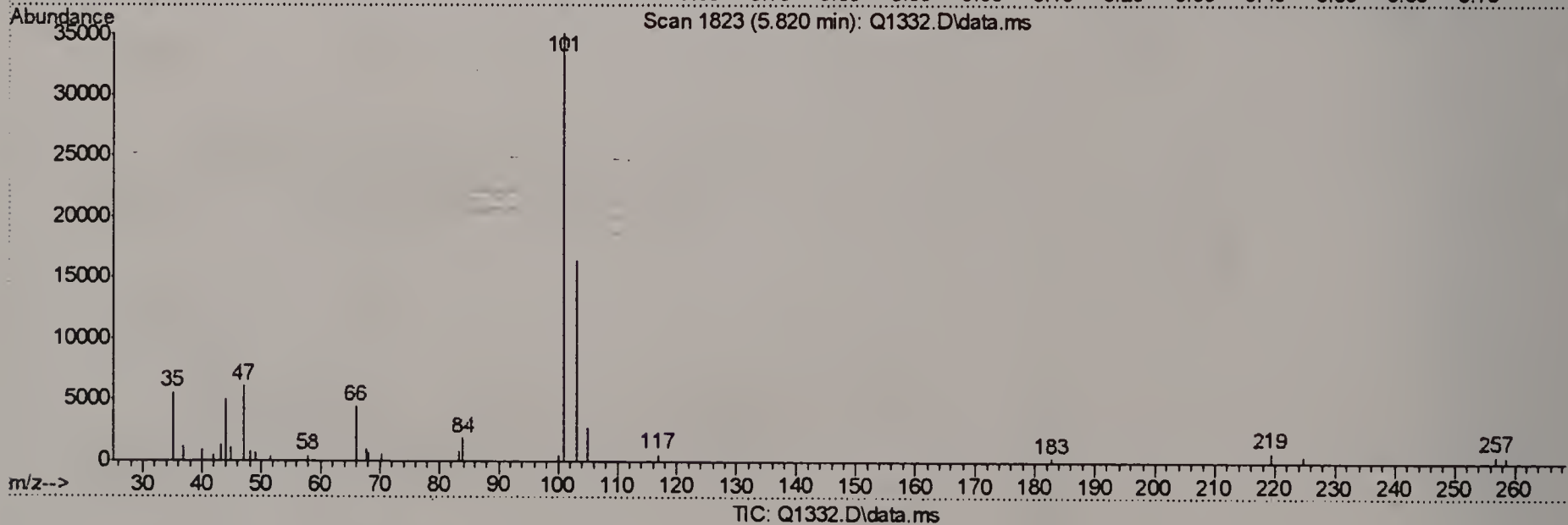
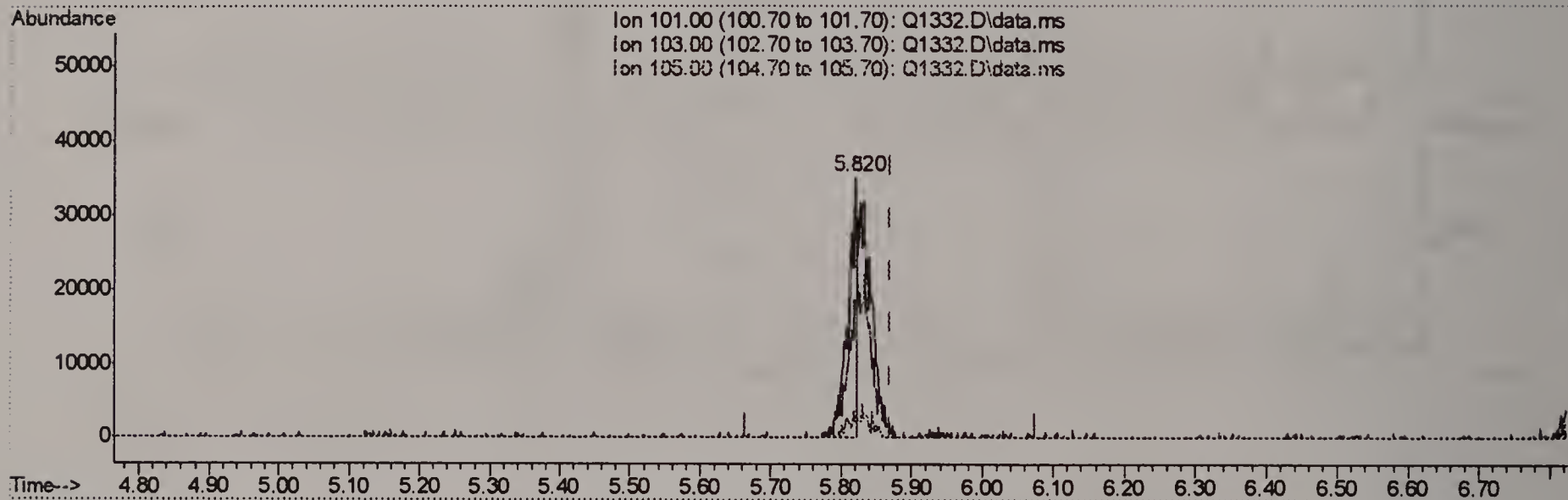
Tgt Ion	Ratio	Lower	Upper
146	100		
148	50.3	43.5	83.5
111	11.4	22.4	62.4#



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(10) TRICHLOROFLUOROMETHANE (m)

5.820min (-0.050) 0.13PPBV

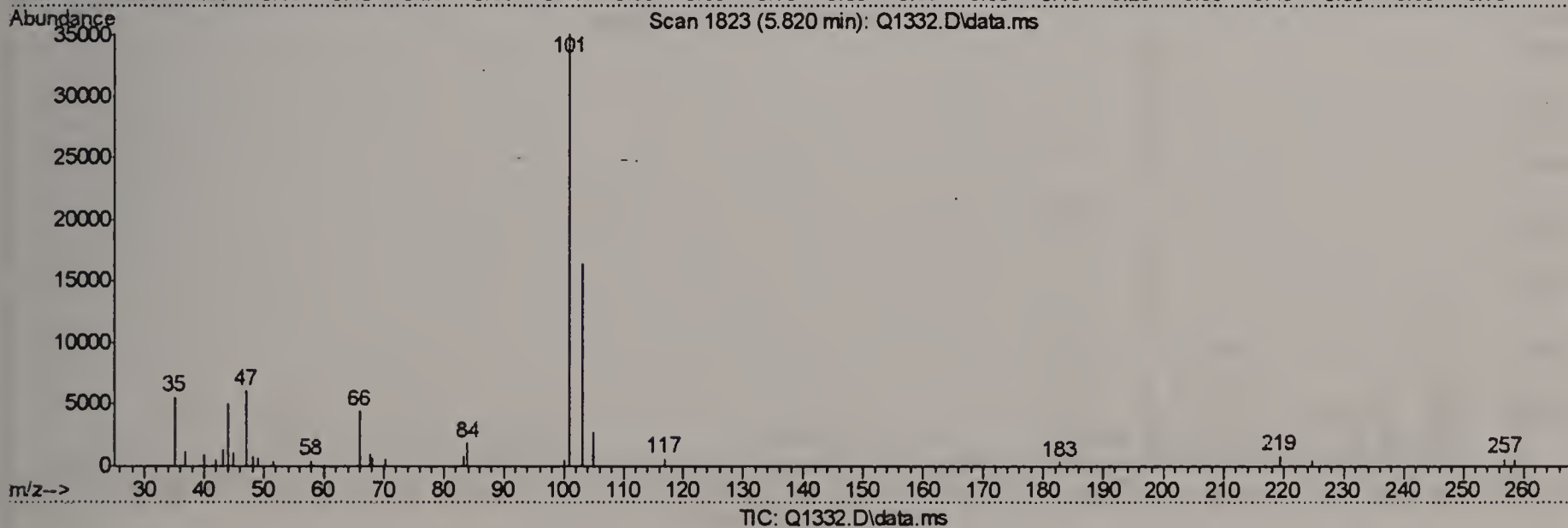
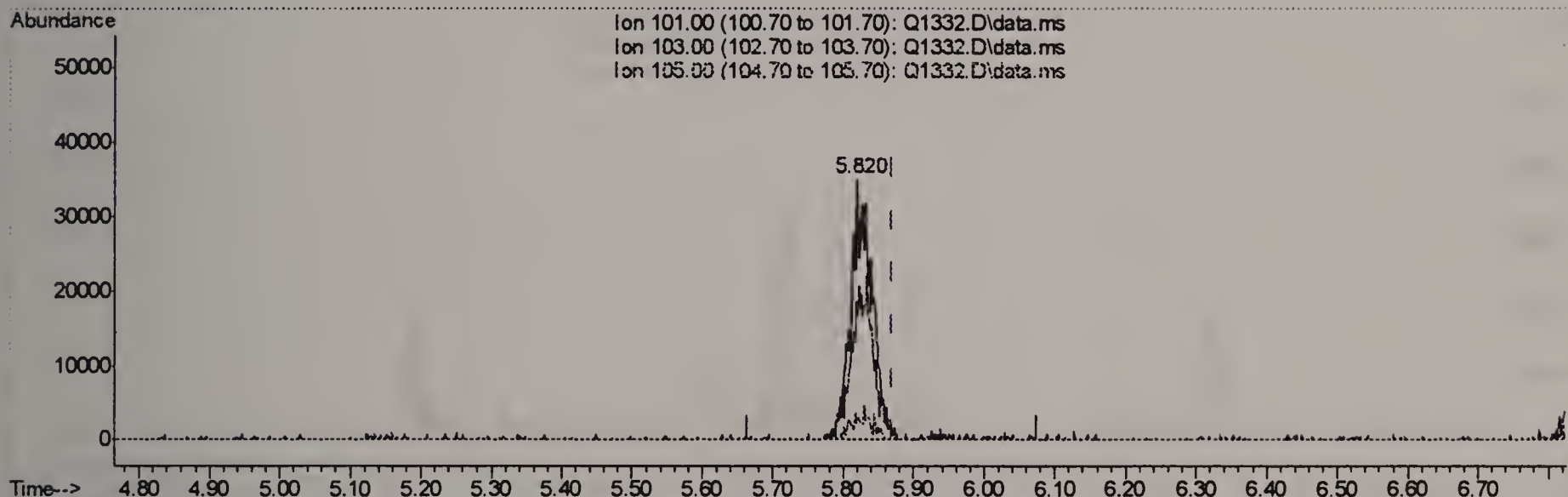
response 29363

Ion	Exp%	Act%
101.00	100	100
103.00	64.30	155.96#
105.00	10.40	18.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(10) TRICHLOROFLUOROMETHANE (m)

5.820min (-0.050) 0.31PPBV m

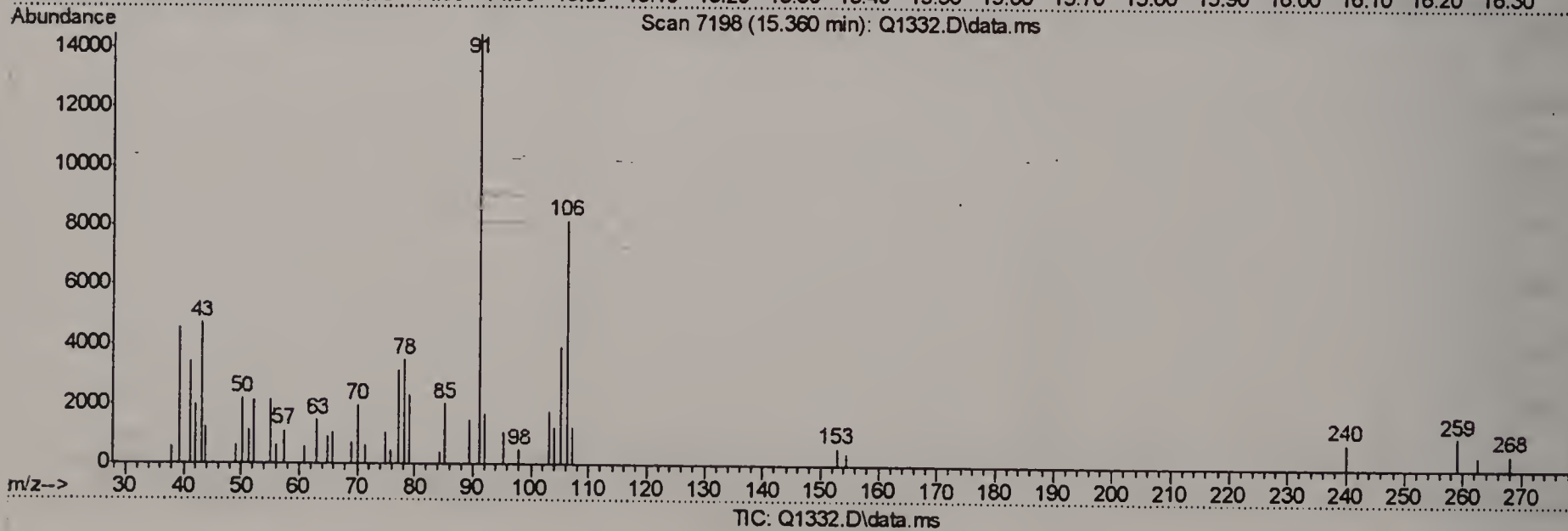
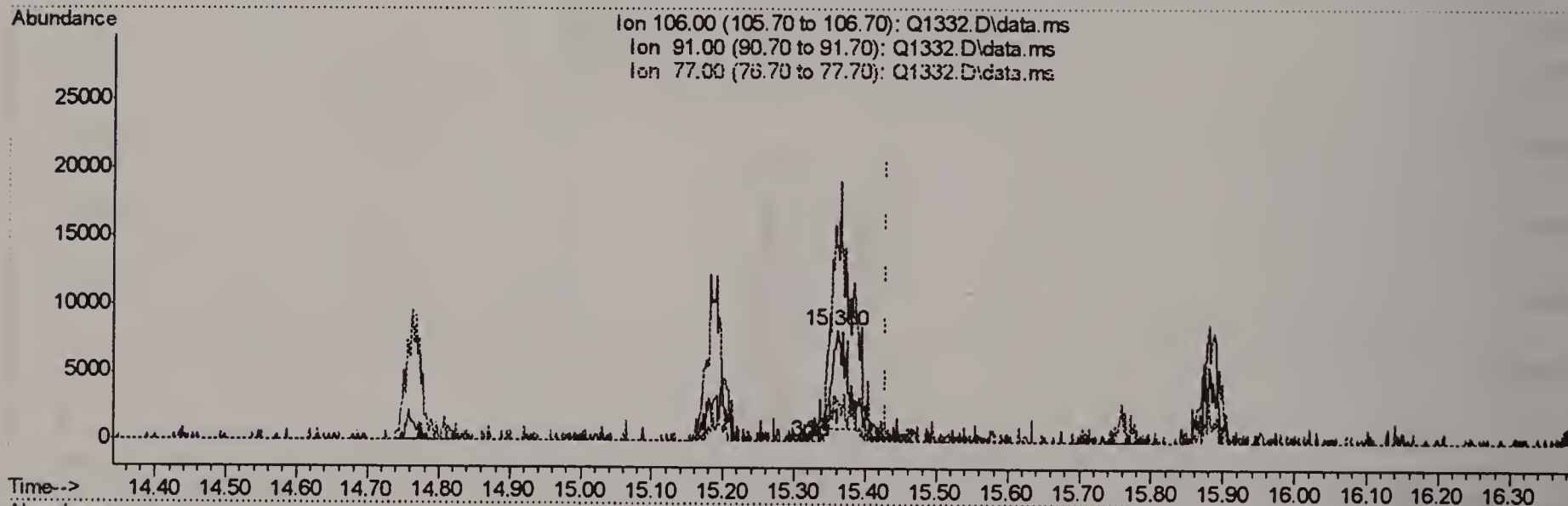
response 70733

Ion	Exp%	Act%
101.00	100	100
103.00	64.30	64.74
105.00	10.40	7.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



TIC: Q1332.D\data.ms

(56) m,p-XYLENE (m)

15.360min (-0.069) 0.28PPBV

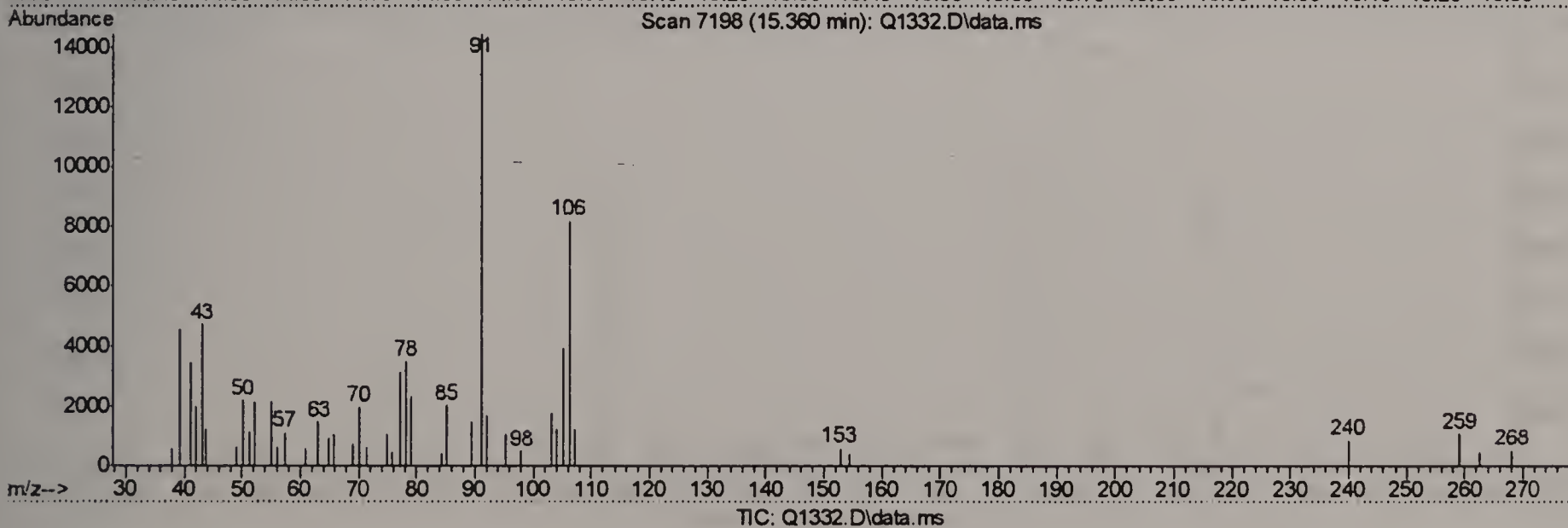
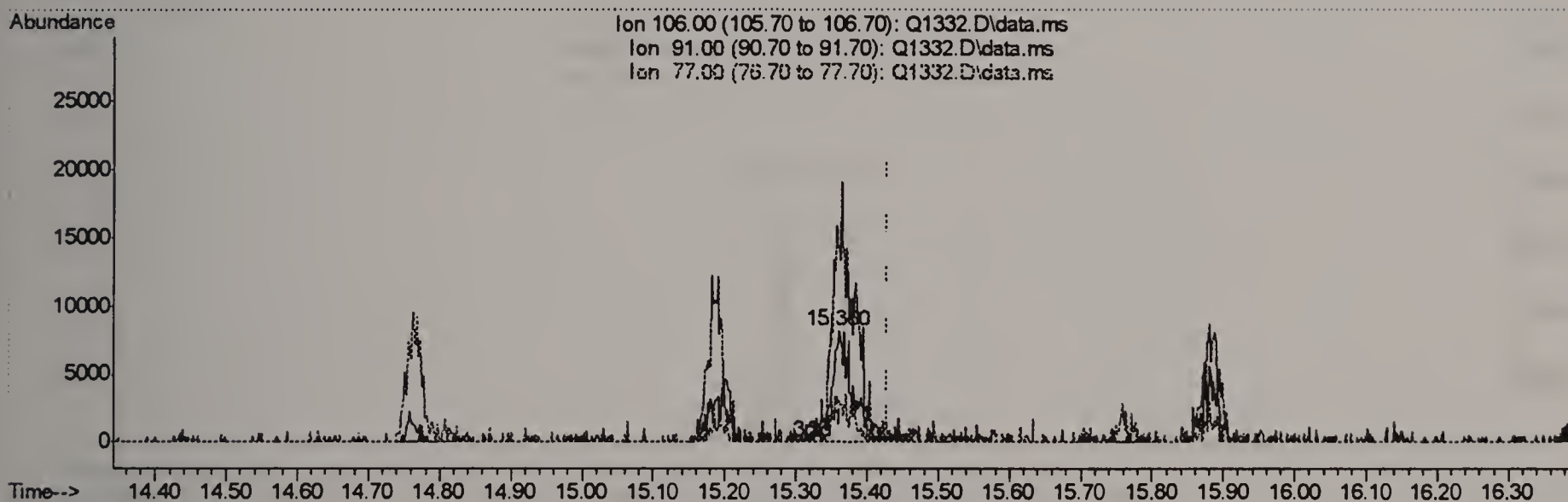
response 10855

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	176.35#
77.00	31.80	38.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.360min (-0.069) 0.44PPBV m

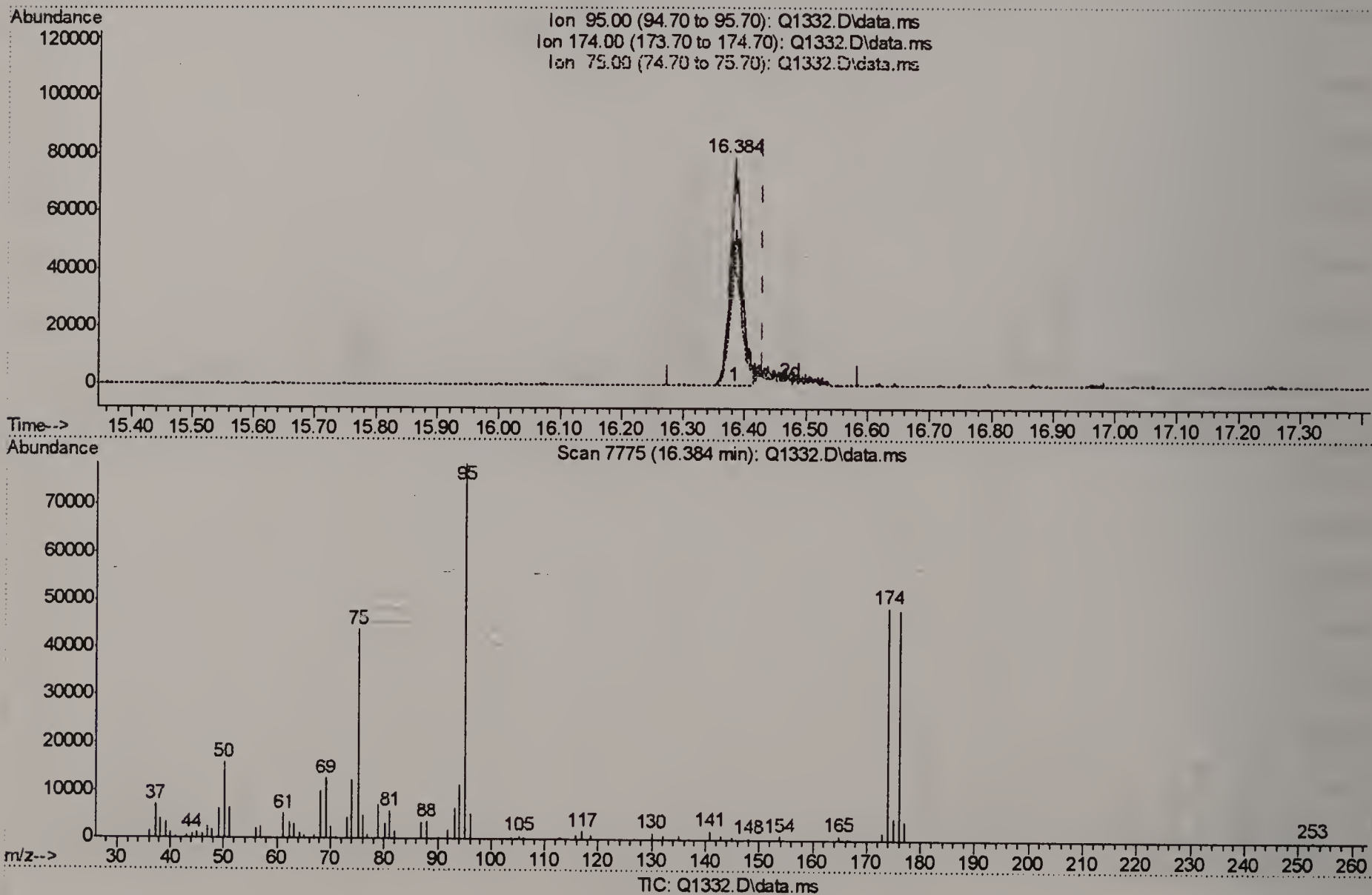
response 17185

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	176.35#
77.00	31.80	38.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 2.83PPBV

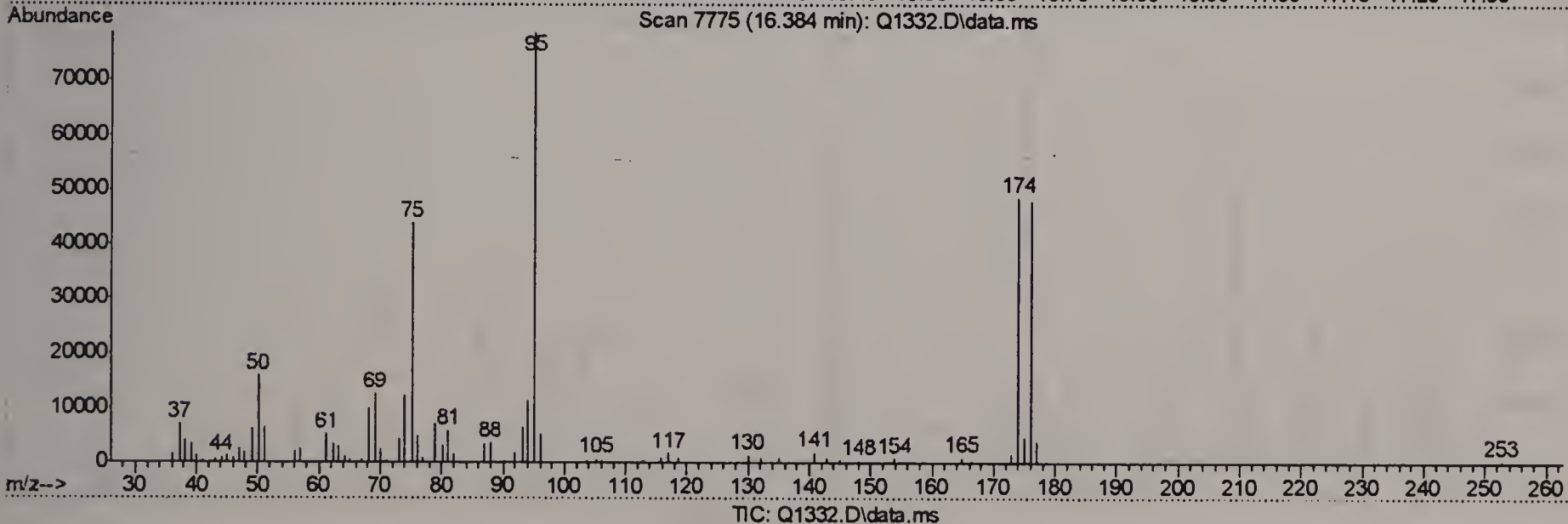
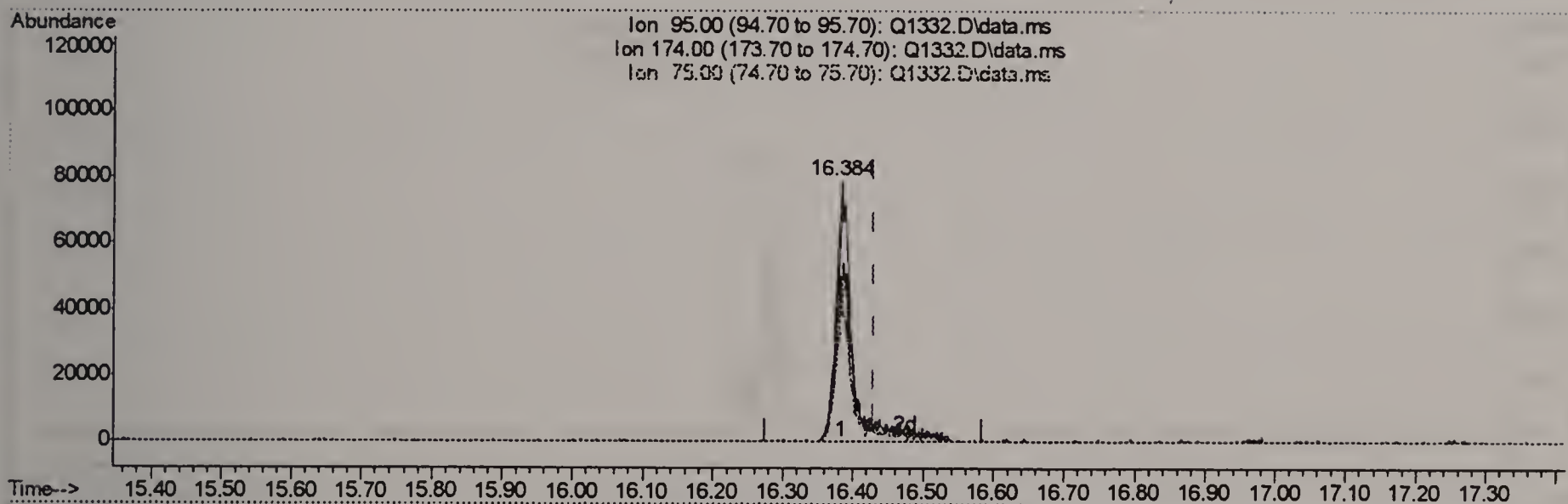
response 109681

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	80.81
75.00	52.30	59.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 3.52PPBV m

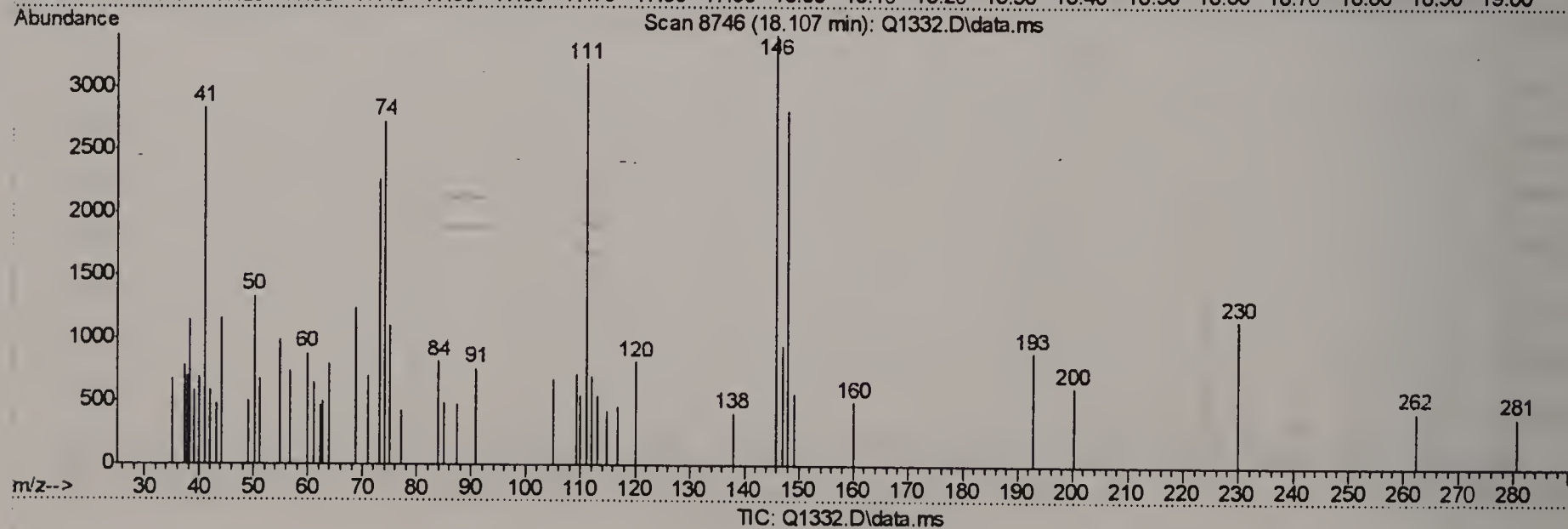
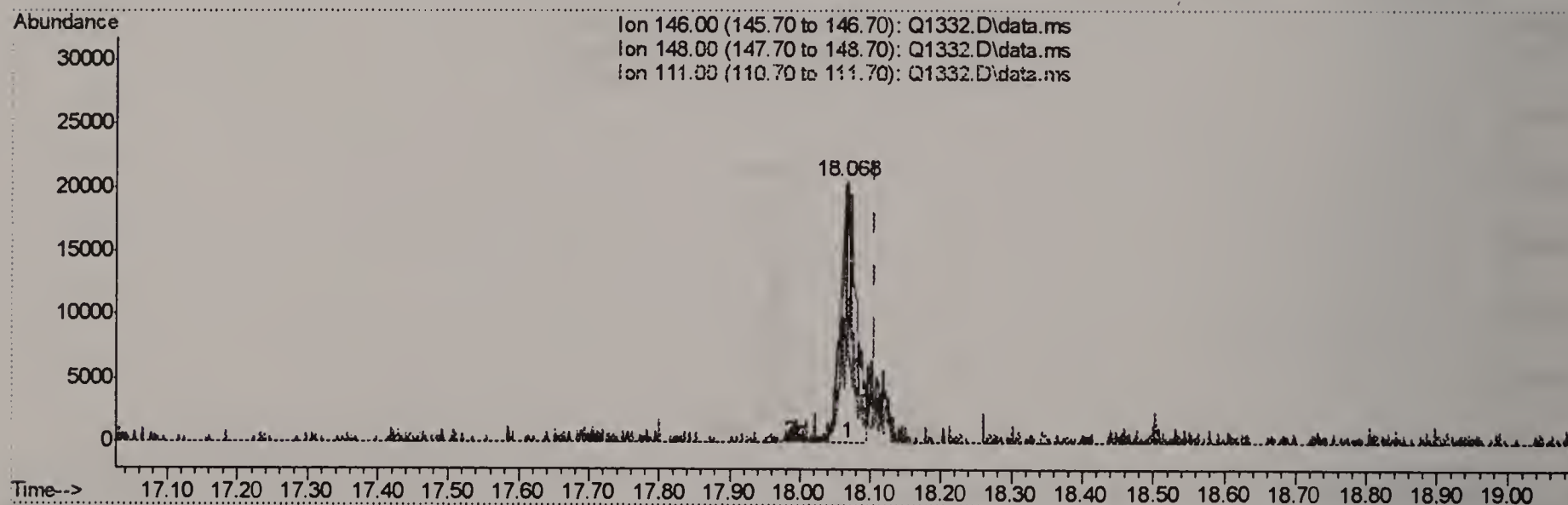
response 136399

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	64.98
75.00	52.30	47.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.68PPBV

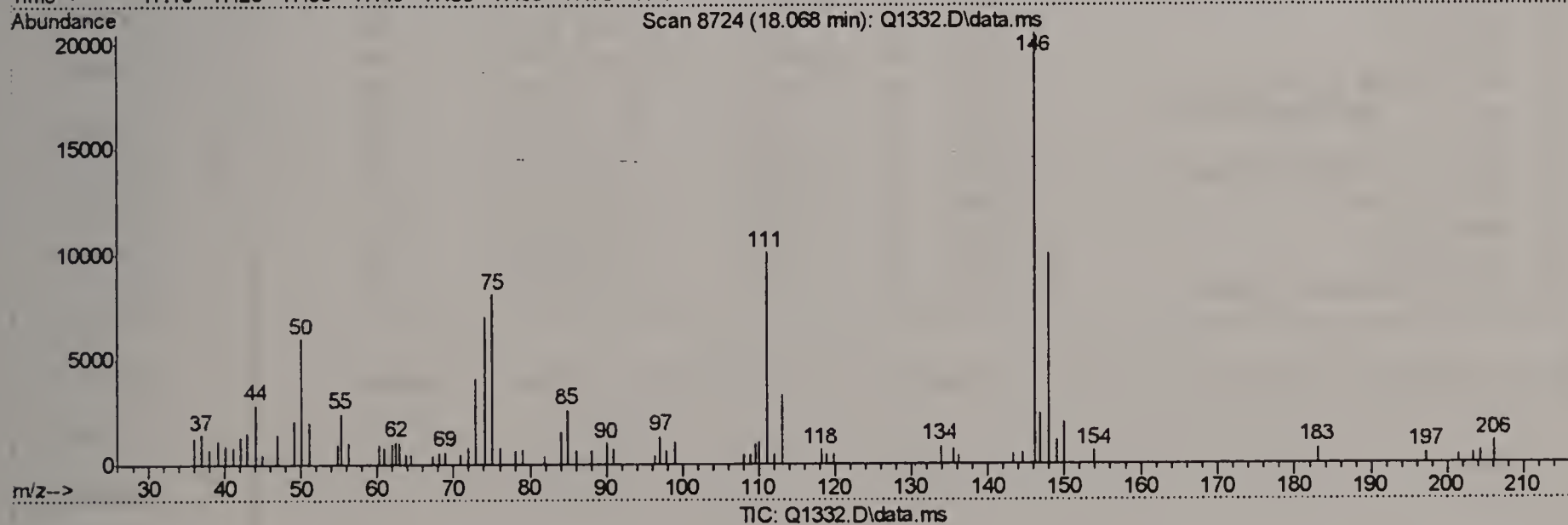
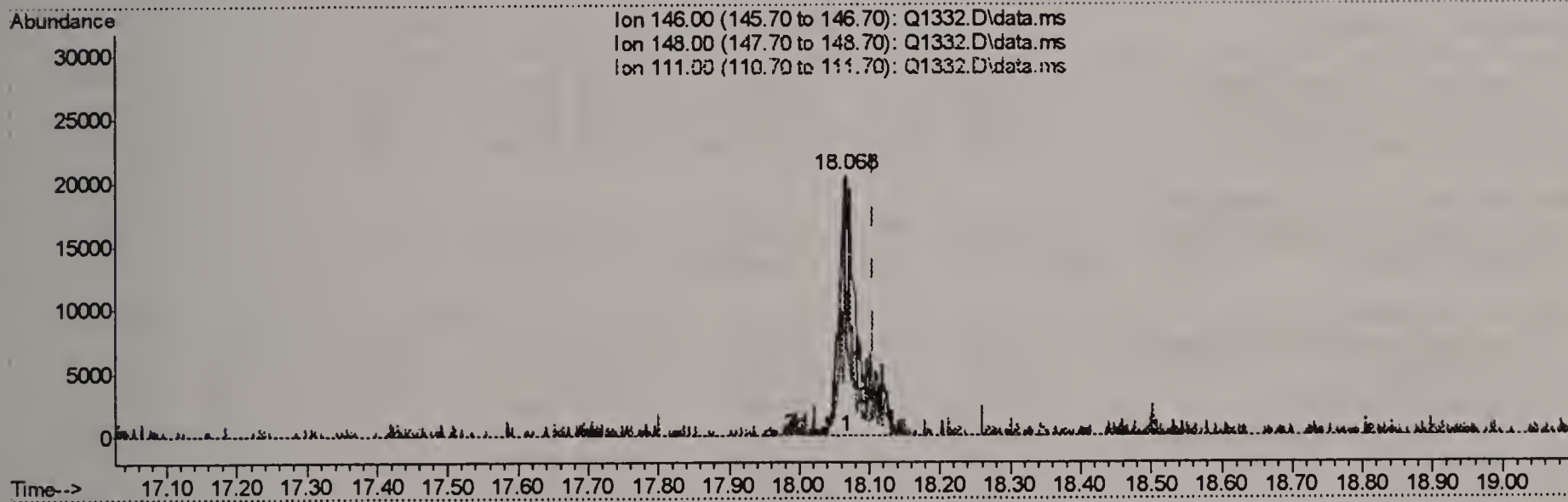
response 31247

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	63.67
111.00	42.40	14.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1332.D
 Acq On : 8 Aug 2006 4:53 pm
 Operator : PhilipB
 Sample : M58073-1 (M141)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 17:20:44 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

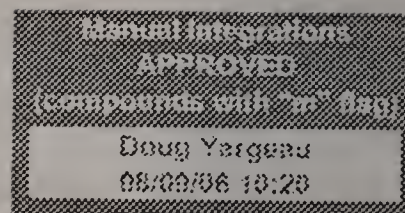


(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.86PPBV m

response 39545

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	50.31
111.00	42.40	11.39#
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1334.D
Acq On : 8 Aug 2006 6:26 pm
Operator : PhilipB
Sample : M58073-2 (M002)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 08 18:53:56 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 17:20:41 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.685	128	422070	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1017173	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	631578m	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.382	95	95987m	3.03	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	60.60%

Target Compounds

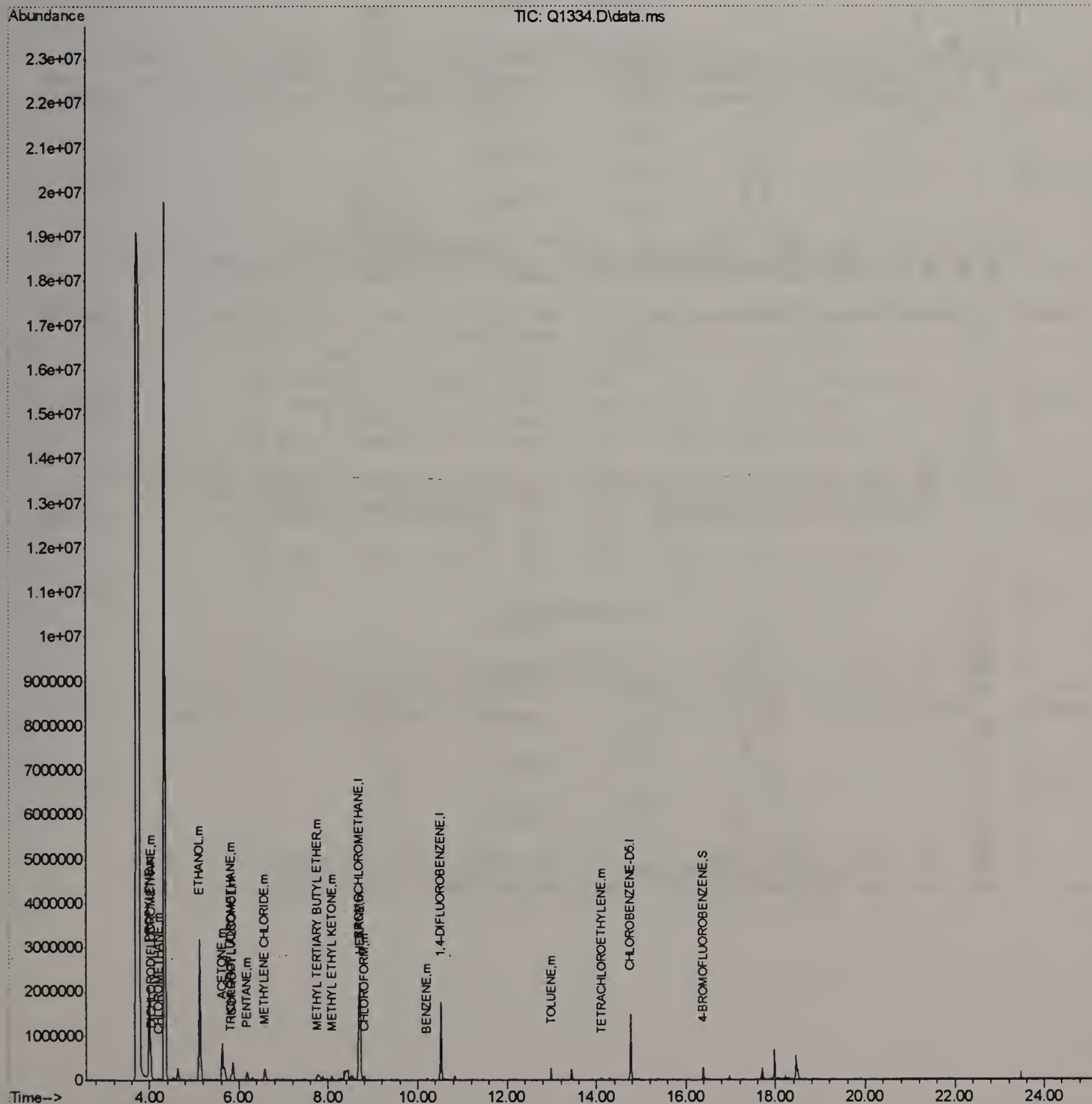
						Qvalue
2) DICHLORODIFLUOROMETHANE	4.046	85	97017	0.55	PPBV	99
3) PROPYLENE	3.994	41	694607	24.58	PPBV #	31
5) CHLOROMETHANE	4.211	50	24430	0.55	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.819	101	92217	0.44	PPBV #	27
11) ISOPROPYL ALCOHOL	5.861	45	510134	10.04	PPBV	89
12) ACETONE	5.627	43	1468880	20.34	PPBV	87
13) PENTANE	6.182	42	77032	1.69	PPBV #	74
16) ETHANOL	5.125	45	4095486	265.07	PPBV	93
18) METHYLENE CHLORIDE	6.576	84	95439	1.89	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.753	73	87595	0.76	PPBV	91
25) HEXANE	8.719	57	58134	0.79	PPBV #	54
28) METHYL ETHYL KETONE	8.081	43	115589	1.26	PPBV	96
31) CHLOROFORM	8.798	83	61742	0.47	PPBV	97
36) BENZENE	10.202	78	37452	0.43	PPBV	88
46) TOLUENE	12.985	92	78886	1.63	PPBV	97
51) TETRACHLOROETHYLENE	14.119	164	9456	0.29	PPBV #	83

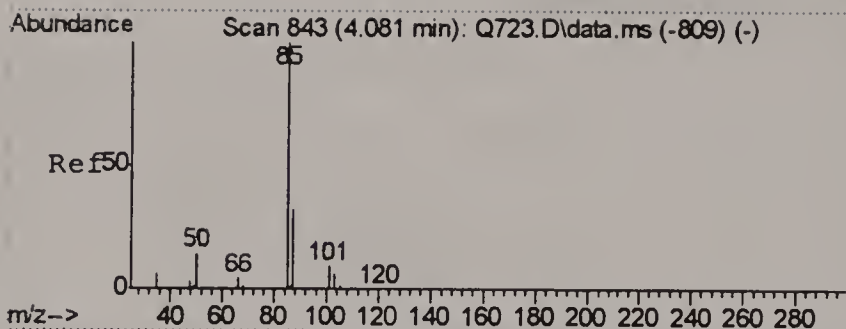
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1334.D
 Acq On : 8 Aug 2006 6:26 pm
 Operator : PhilipB
 Sample : M58073-2 (M002)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

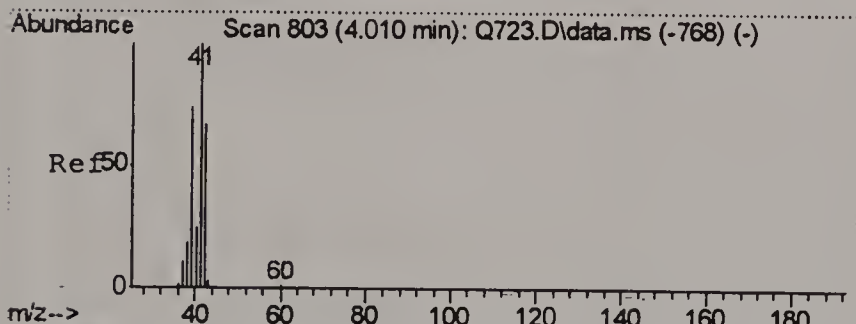
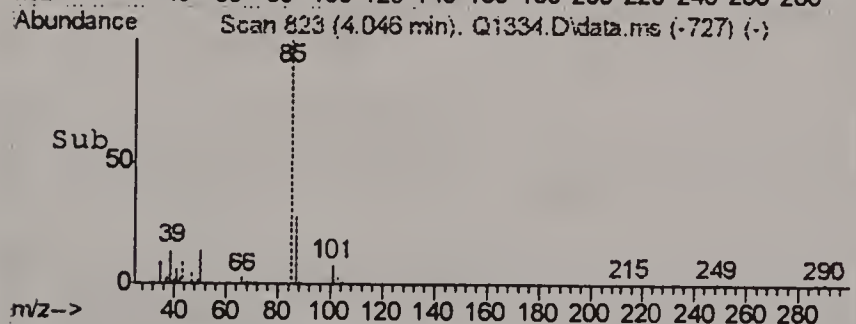
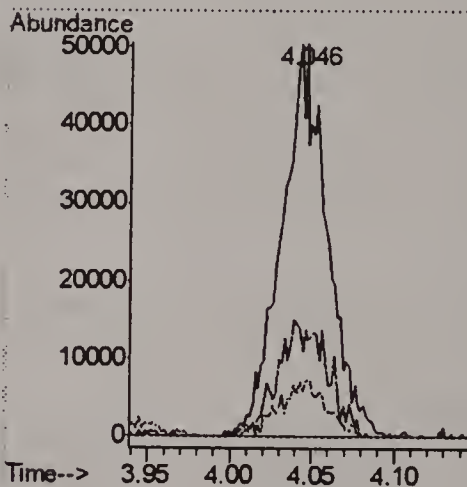
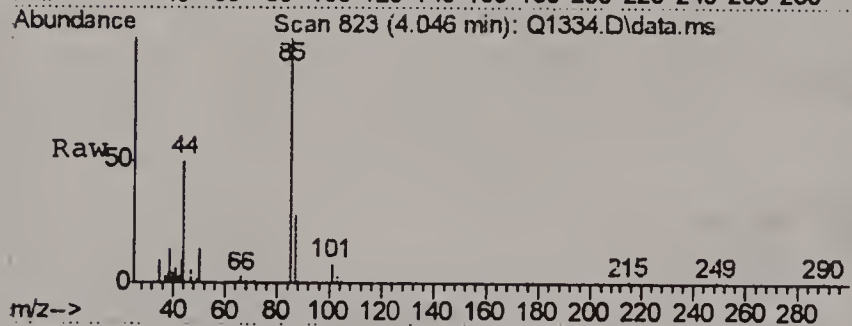
Quant Time: Aug 08 18:53:56 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration





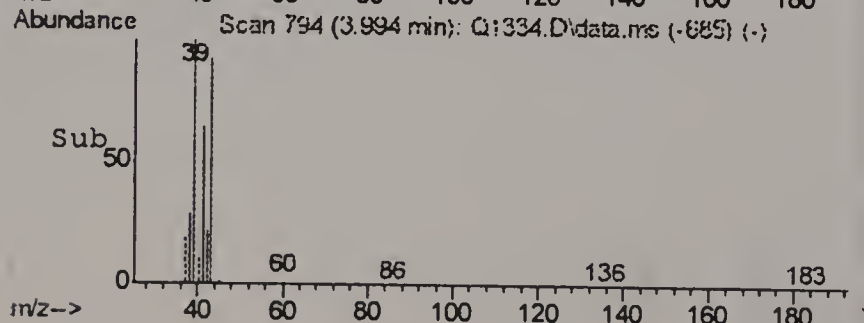
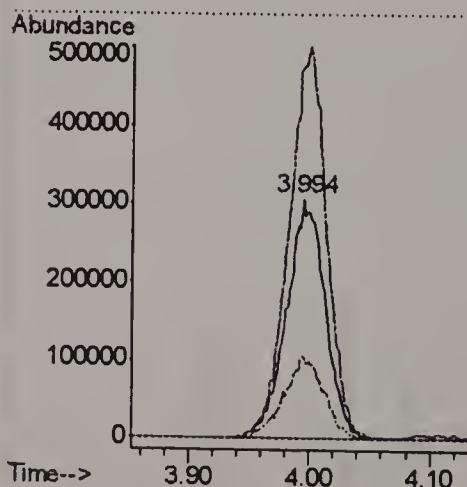
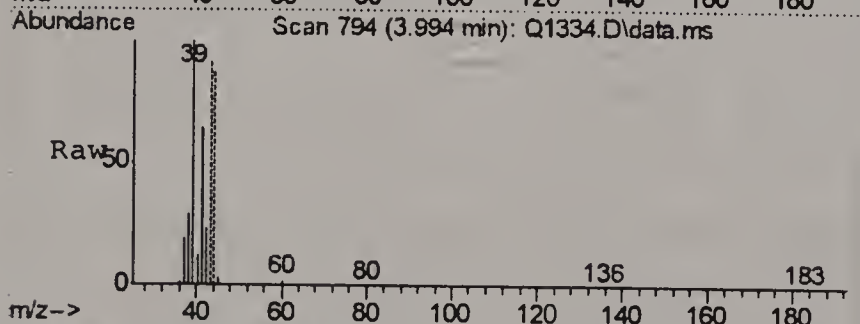
#2
DICHLORODIFLUOROMETHANE
Concen: 0.55 PPBV
RT: 4.046 min Scan# 823
Delta R.T. -0.035 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm

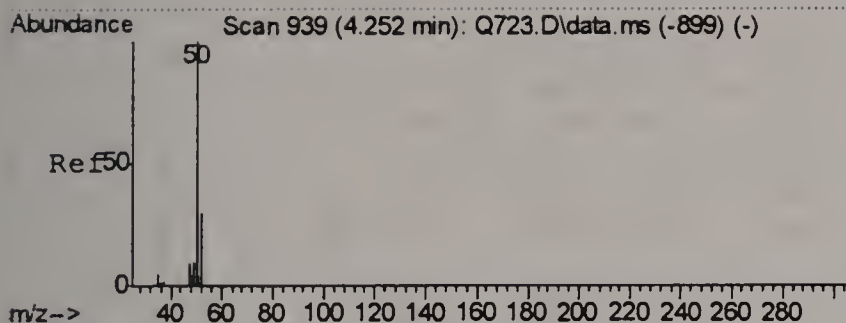
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	11.9	51.9
50	15.2	0.0	35.5



#3
PROPYLENE
Concen: 24.58 PPBV
RT: 3.994 min Scan# 794
Delta R.T. -0.013 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm

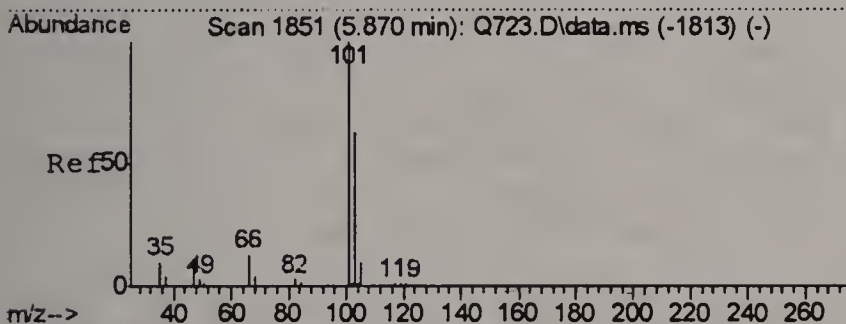
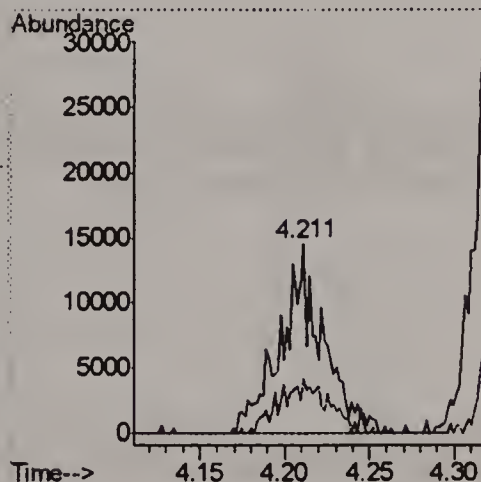
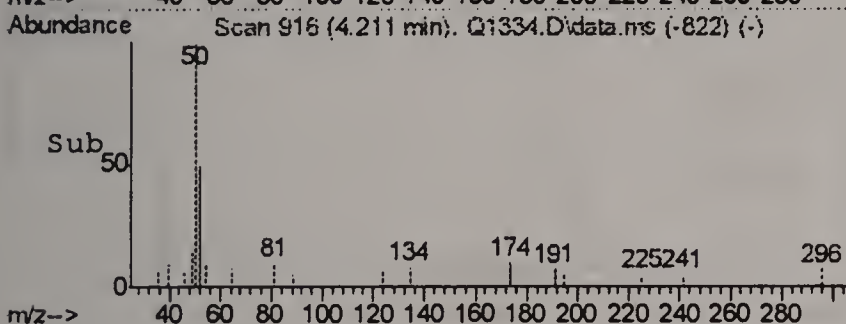
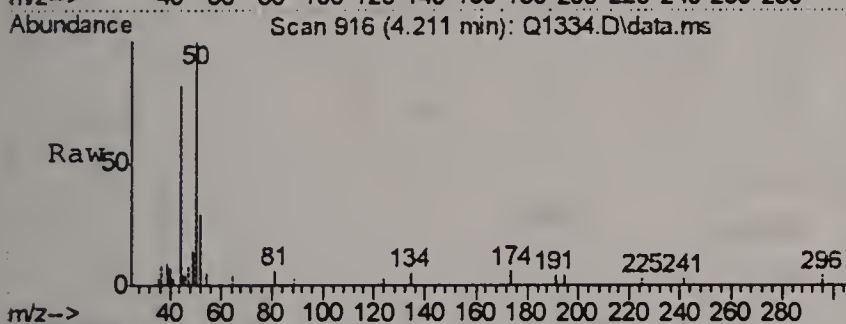
Tgt Ion	Ratio	Lower	Upper
41	100		
39	155.9	55.3	95.3#
42	35.2	46.8	86.8#





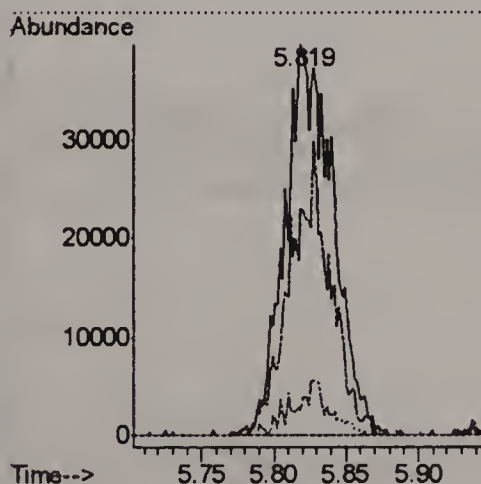
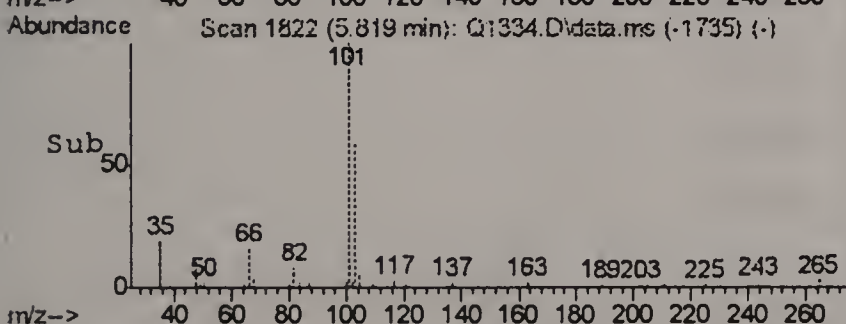
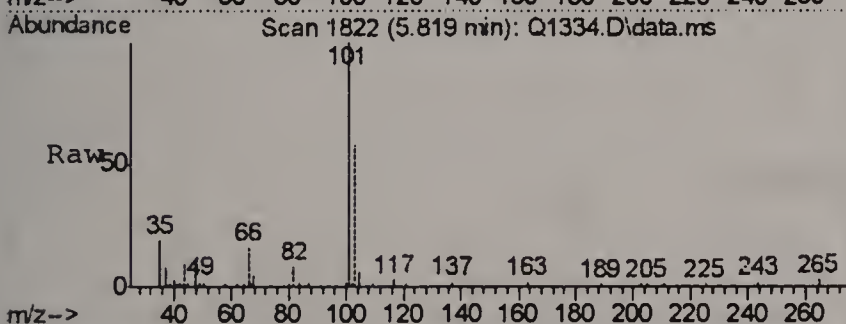
#5
 CHLOROMETHANE
 Concen: 0.55 PPBV
 RT: 4.211 min Scan# 916
 Delta R.T. -0.038 min
 Lab File: Q1334.D
 Acq: 8 Aug 2006 6:26 pm

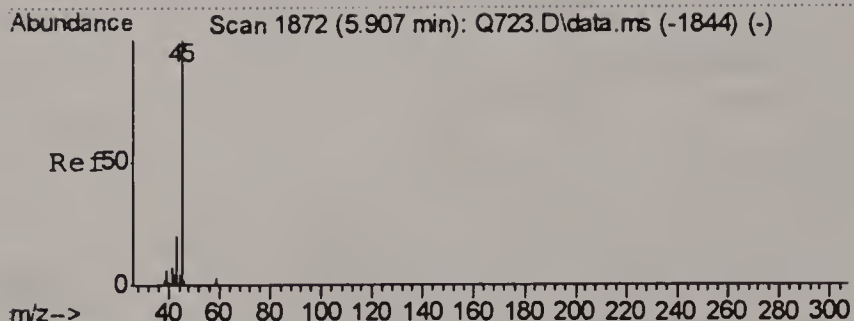
Tgt Ion: 50 Resp: 24430
 Ion Ratio Lower Upper
 50 100
 52 28.9 9.7 49.7



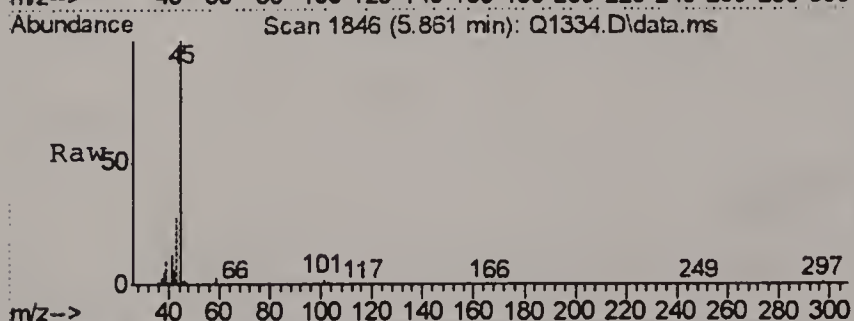
#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.44 PPBV
 RT: 5.819 min Scan# 1822
 Delta R.T. -0.052 min
 Lab File: Q1334.D
 Acq: 8 Aug 2006 6:26 pm

Tgt Ion: 101 Resp: 92217
 Ion Ratio Lower Upper
 101 100
 103 0.0 44.3 84.3#
 105 2.8 0.0 30.4

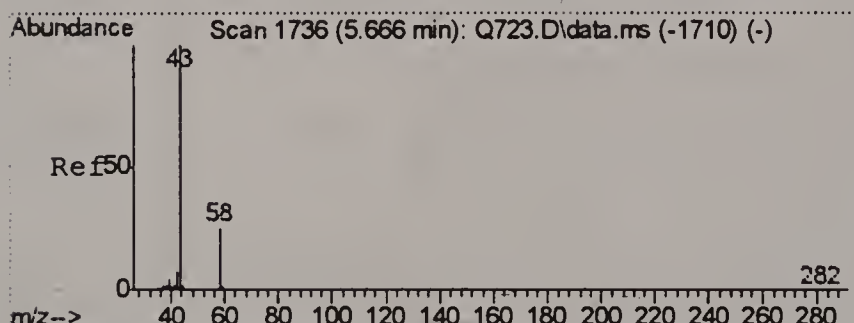
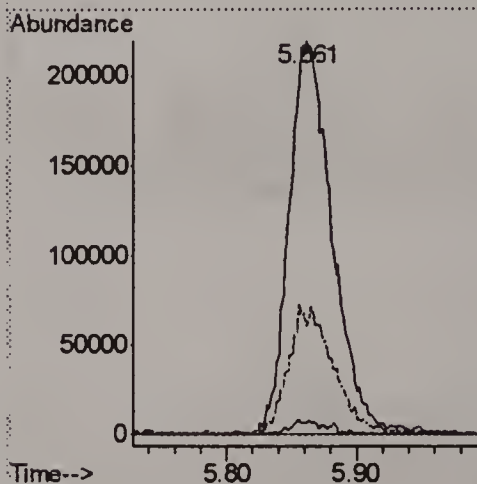
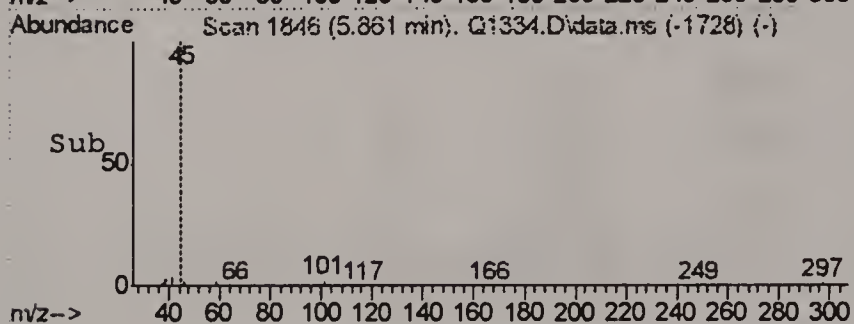




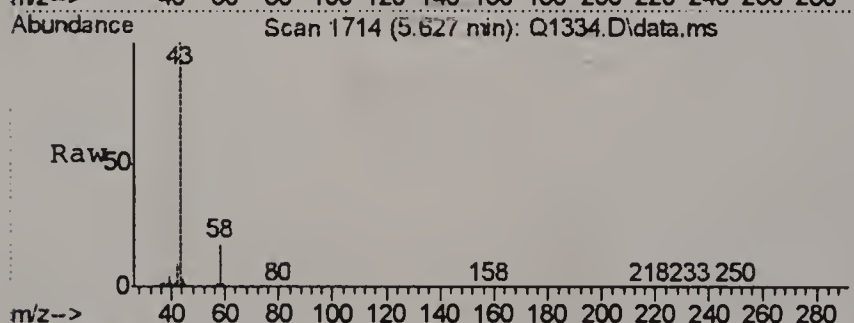
#11
ISOPROPYL ALCOHOL
Concen: 10.04 PPBV
RT: 5.861 min Scan# 1846
Delta R.T. -0.049 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm



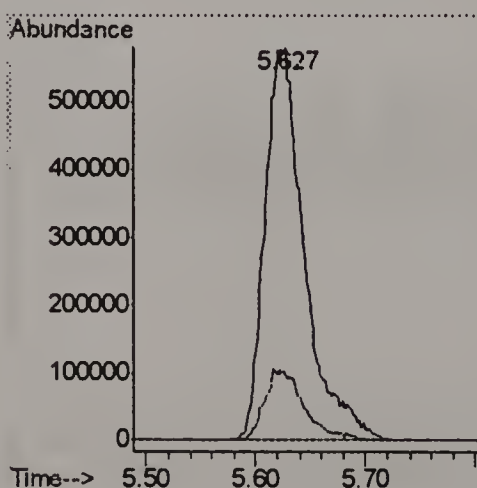
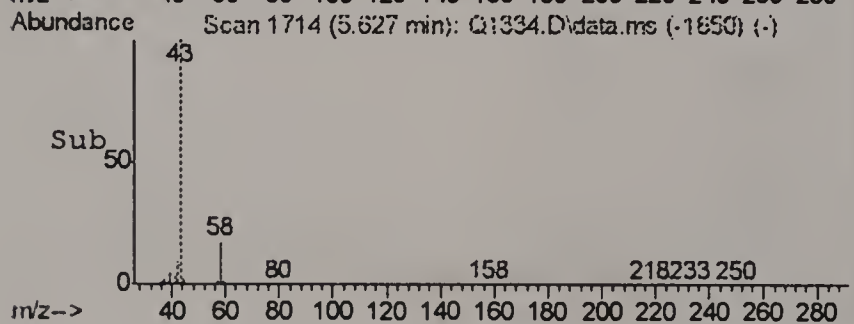
Tgt Ion: 45 Resp: 510134
Ion Ratio Lower Upper
45 100
59 3.2 0.0 23.5
43 27.6 1.6 41.6

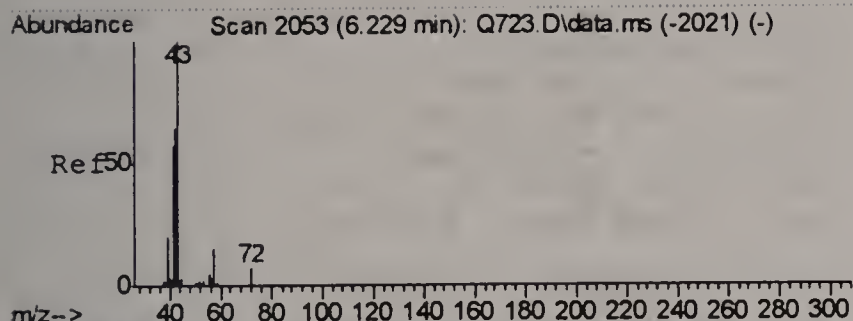


#12
ACETONE
Concen: 20.34 PPBV
RT: 5.627 min Scan# 1714
Delta R.T. -0.042 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm



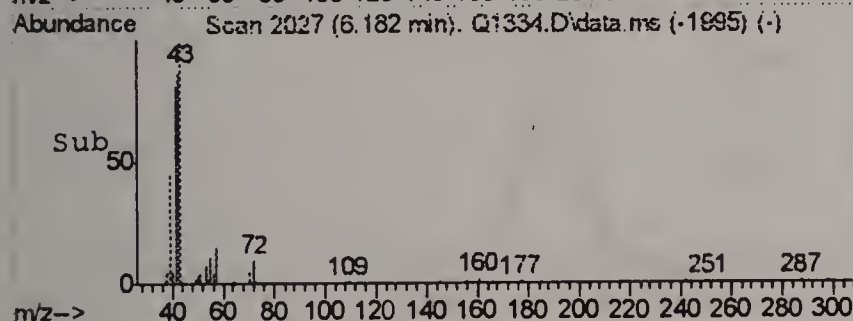
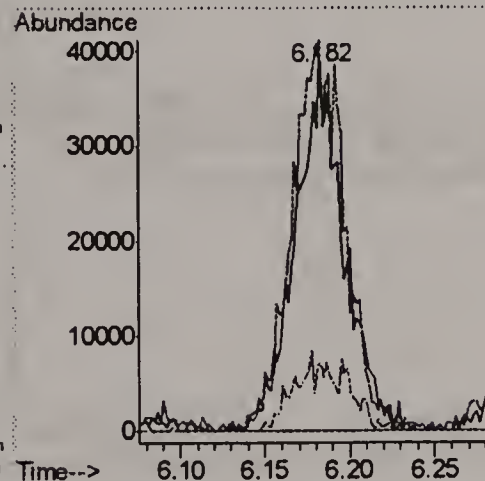
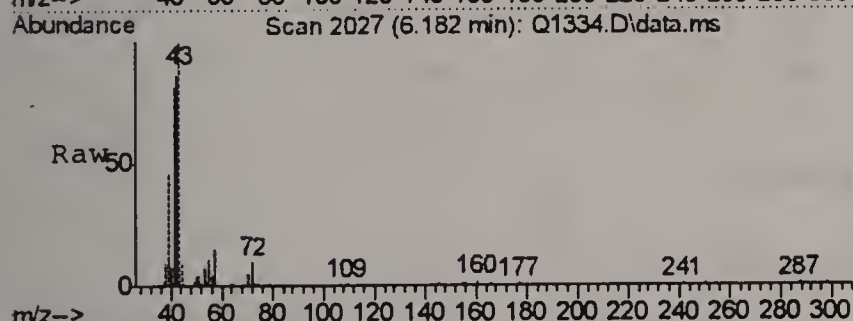
Tgt Ion: 43 Resp: 1468880
Ion Ratio Lower Upper
43 100
58 17.5 4.1 44.1





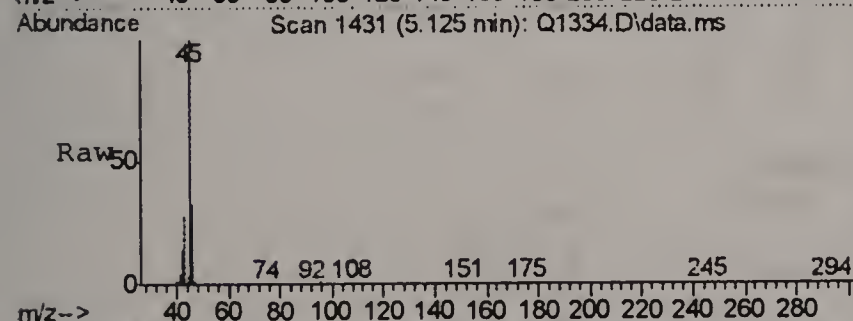
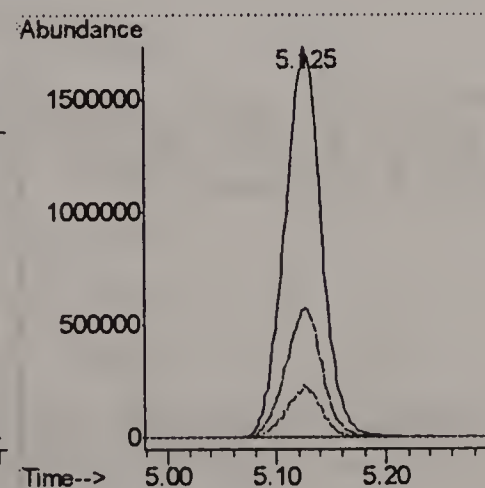
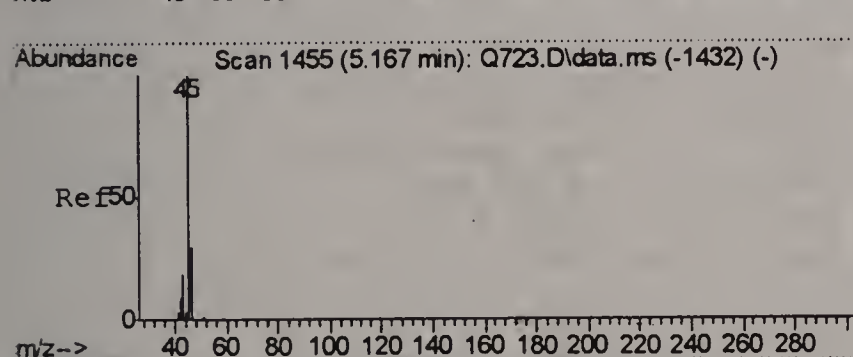
#13
PENTANE
Concen: 1.69 PPBV
RT: 6.182 min Scan# 2027
Delta R.T. -0.046 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm

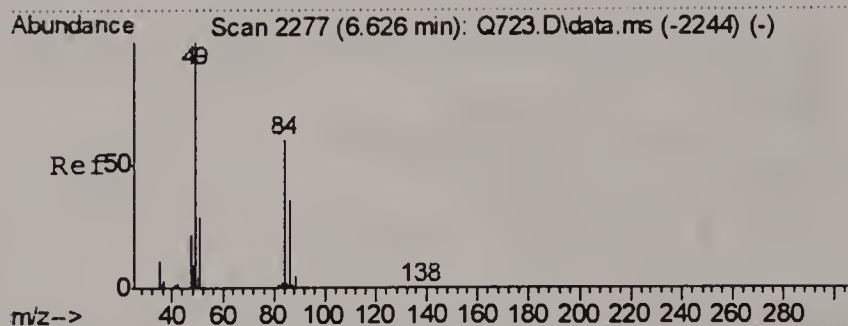
Tgt Ion	Ratio	Lower	Upper
42	100		
41	65.3	72.2	112.2#
57	14.8	1.9	41.9



#16
ETHANOL
Concen: 265.07 PPBV
RT: 5.125 min Scan# 1431
Delta R.T. -0.051 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm

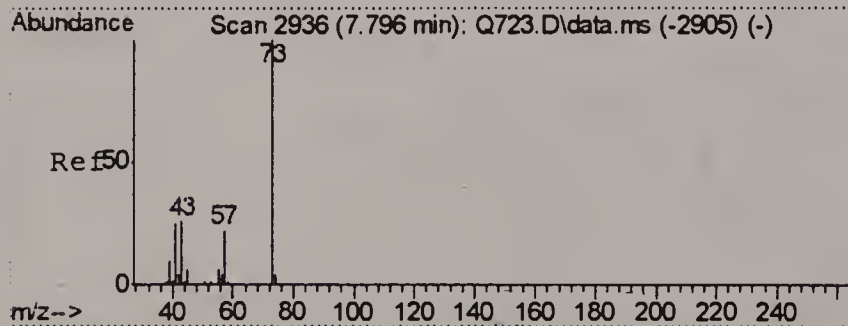
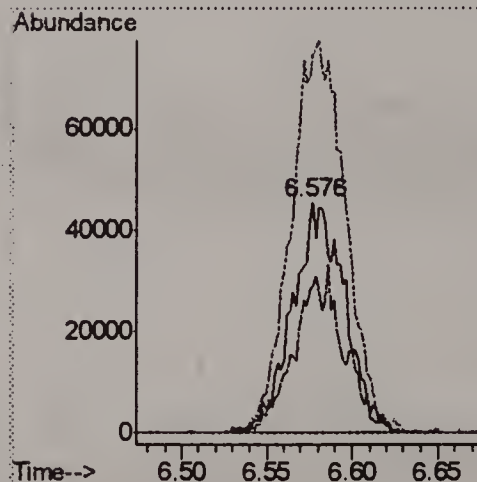
Tgt Ion	Ratio	Lower	Upper
45	100		
46	33.0	16.4	56.4
42	12.8	0.0	28.8





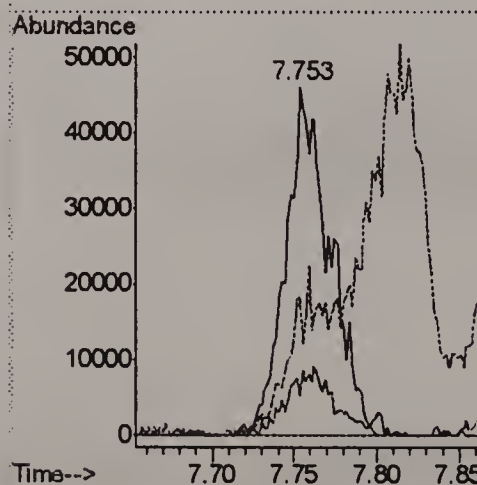
#18
 METHYLENE CHLORIDE
 Concen: 1.89 PPBV
 RT: 6.576 min Scan# 2249
 Delta R.T. -0.050 min
 Lab File: Q1334.D
 Acq: 8 Aug 2006 6:26 pm

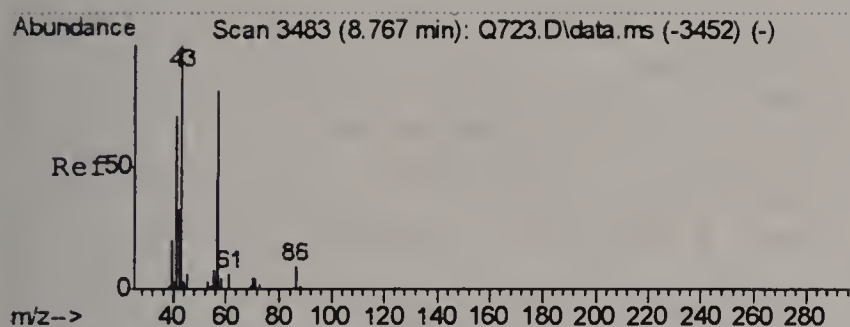
Tgt Ion: 84 Resp: 95439
 Ion Ratio Lower Upper
 84 100
 86 66.9 44.6 84.6
 49 178.6 0.7 400.7



#23
 METHYL TERTIARY BUTYL ETHER
 Concen: 0.76 PPBV
 RT: 7.753 min Scan# 2912
 Delta R.T. -0.043 min
 Lab File: Q1334.D
 Acq: 8 Aug 2006 6:26 pm

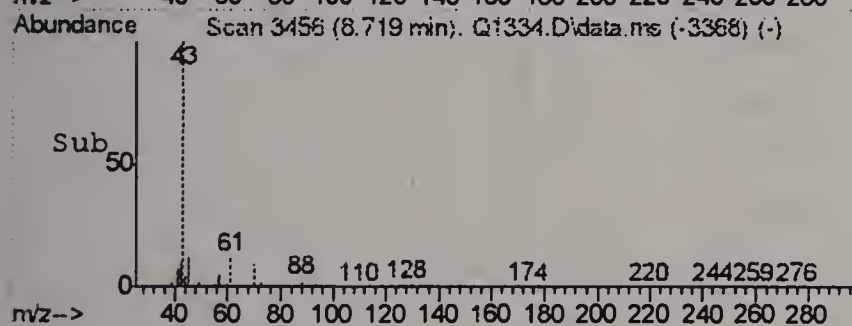
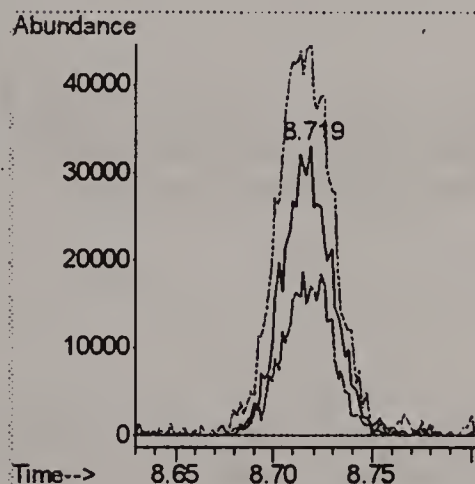
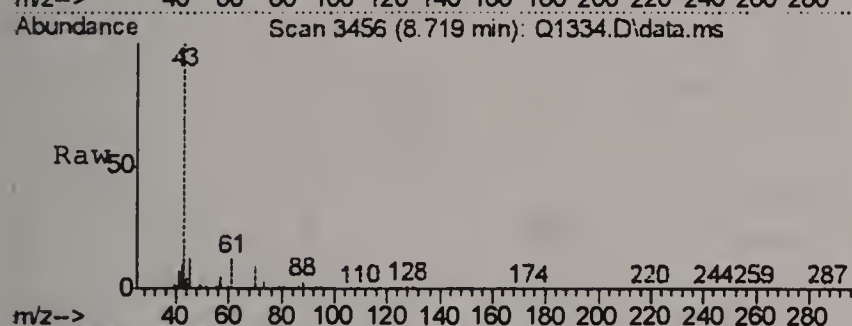
Tgt Ion: 73 Resp: 87595
 Ion Ratio Lower Upper
 73 100
 57 20.7 4.1 44.1
 43 23.2 9.0 49.0





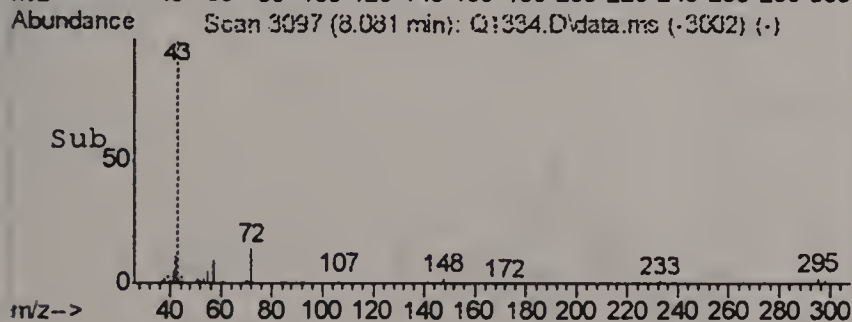
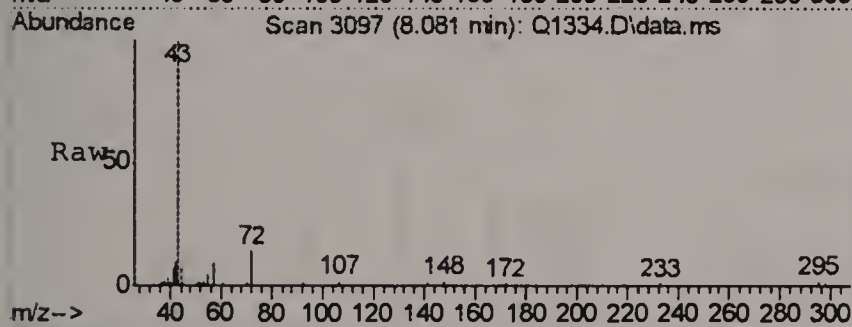
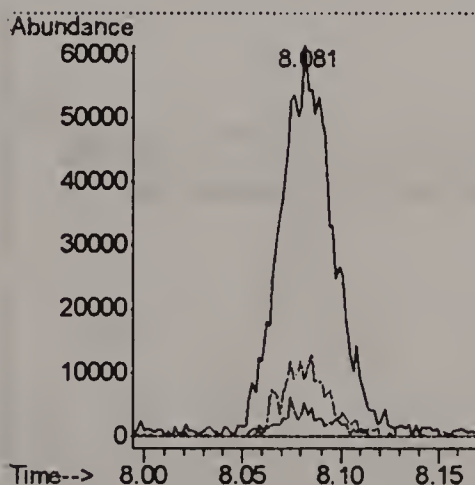
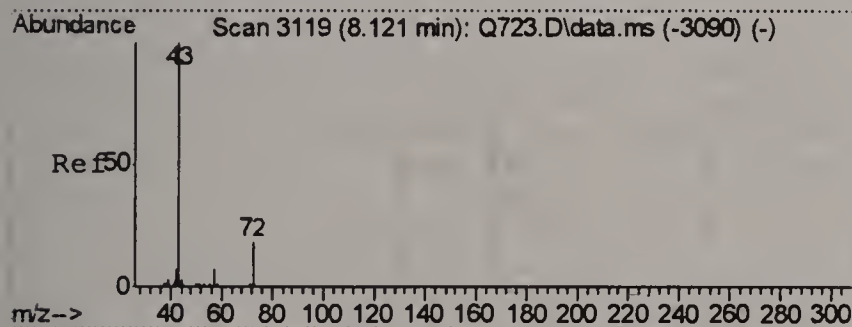
#25
 HEXANE
 Concen: 0.79 PPBV
 RT: 8.719 min Scan# 3456
 Delta R.T. -0.050 min
 Lab File: Q1334.D
 Acq: 8 Aug 2006 6:26 pm

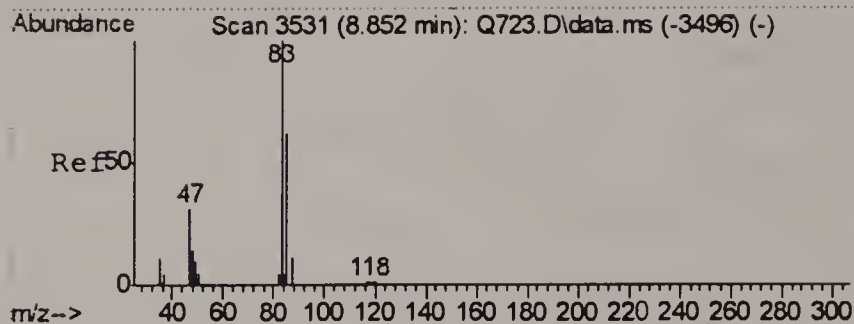
Tgt Ion	Ratio	Lower	Upper
57	100		
56	59.8	35.6	75.6
41	158.7	71.4	111.4#



#28
 METHYL ETHYL KETONE
 Concen: 1.26 PPBV
 RT: 8.081 min Scan# 3097
 Delta R.T. -0.037 min
 Lab File: Q1334.D
 Acq: 8 Aug 2006 6:26 pm

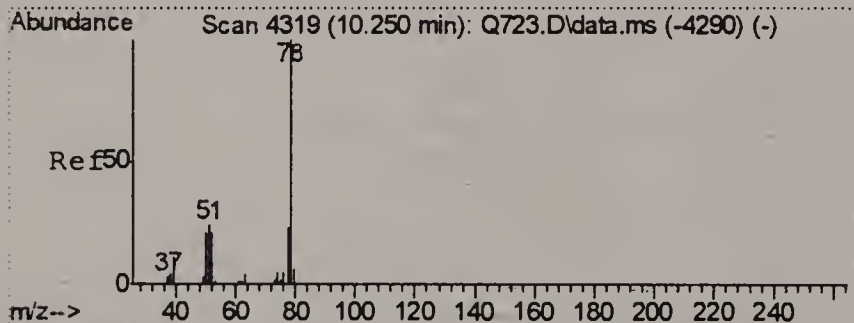
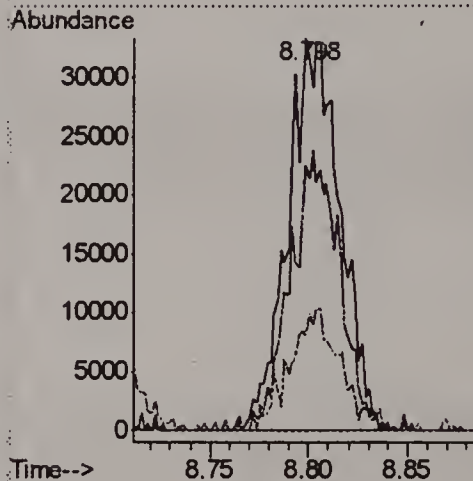
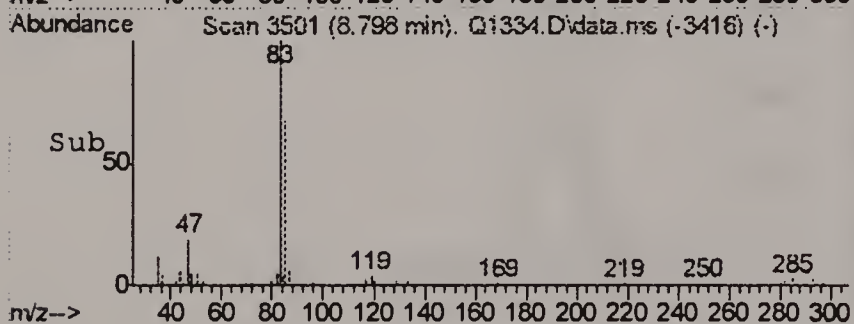
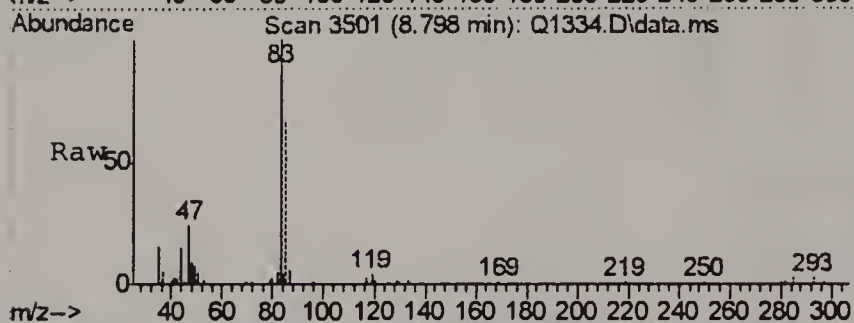
Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	0.0	26.7
72	14.4	0.0	36.0





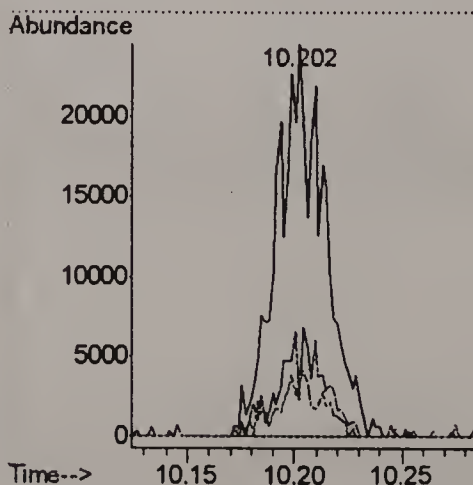
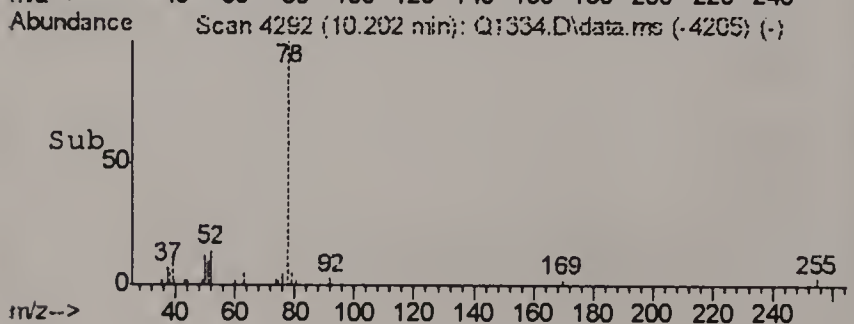
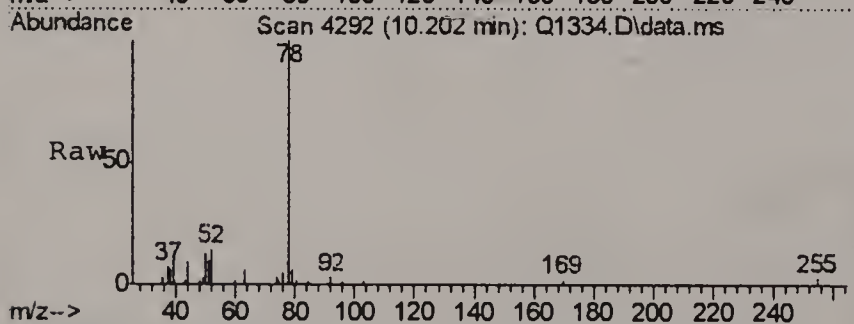
#31
CHLOROFORM
Concen: 0.47 PPBV
RT: 8.798 min Scan# 3501
Delta R.T. -0.055 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm

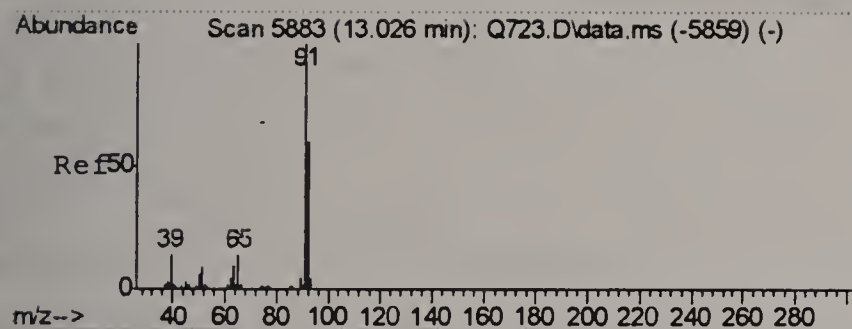
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.8	84.8
47	30.6	13.7	53.7



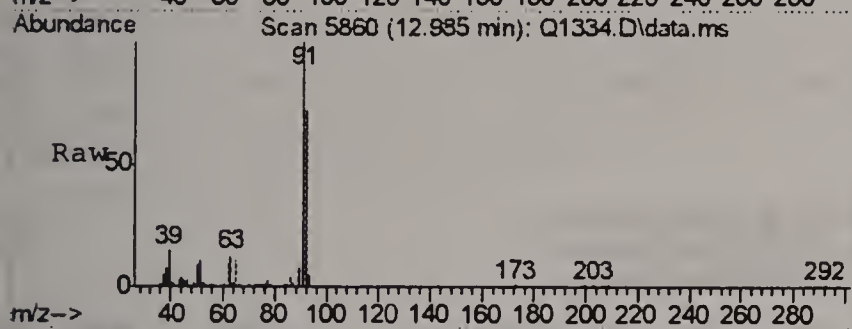
#36
BENZENE
Concen: 0.43 PPBV
RT: 10.202 min Scan# 4292
Delta R.T. -0.052 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	3.4	43.4
52	12.6	2.0	42.0

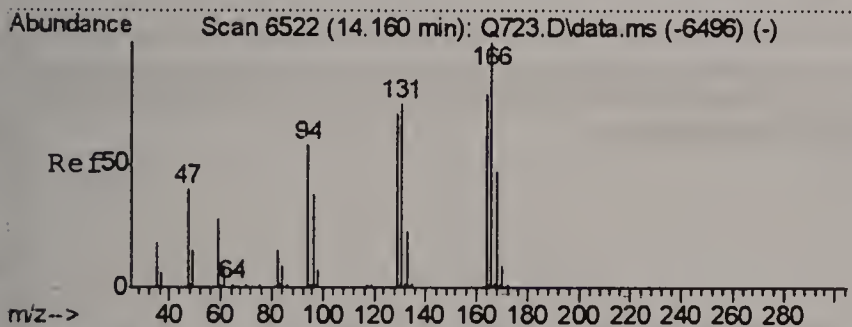
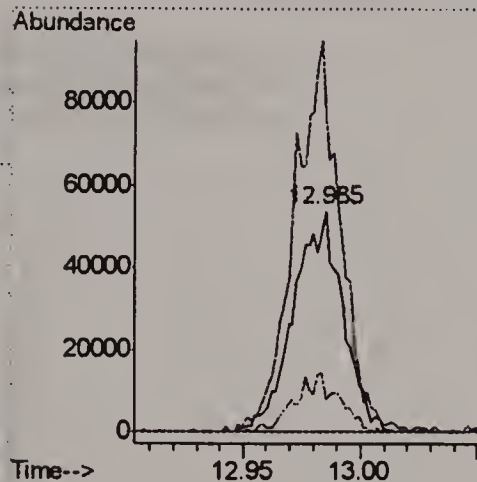
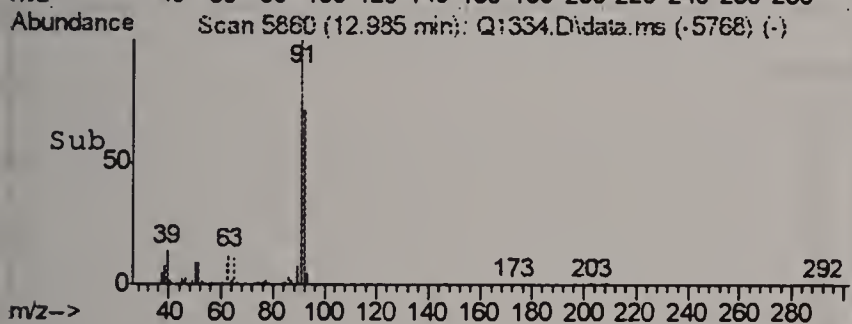




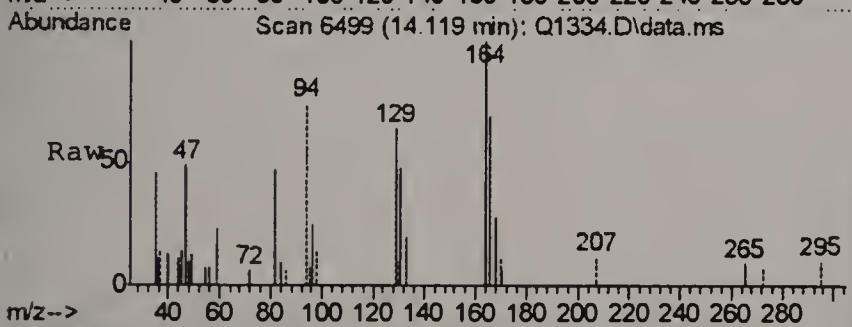
#46
TOLUENE
Concen: 1.63 PPBV
RT: 12.985 min Scan# 5860
Delta R.T. -0.043 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm



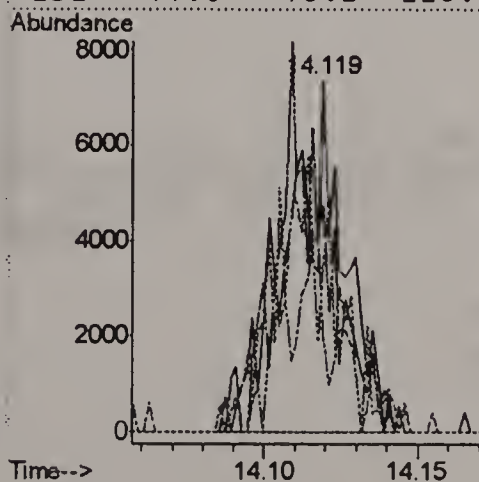
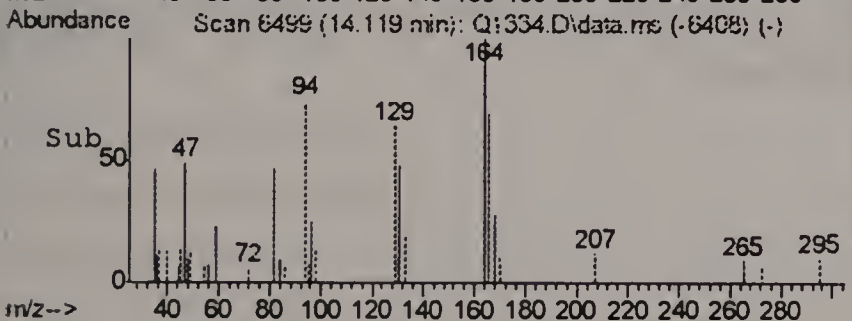
Tgt Ion: 92 Resp: 78886
Ion Ratio Lower Upper
92 100
91 165.4 149.4 189.4
65 23.9 3.6 43.6



#51
TETRACHLOROETHYLENE
Concen: 0.29 PPBV
RT: 14.119 min Scan# 6499
Delta R.T. -0.044 min
Lab File: Q1334.D
Acq: 8 Aug 2006 6:26 pm



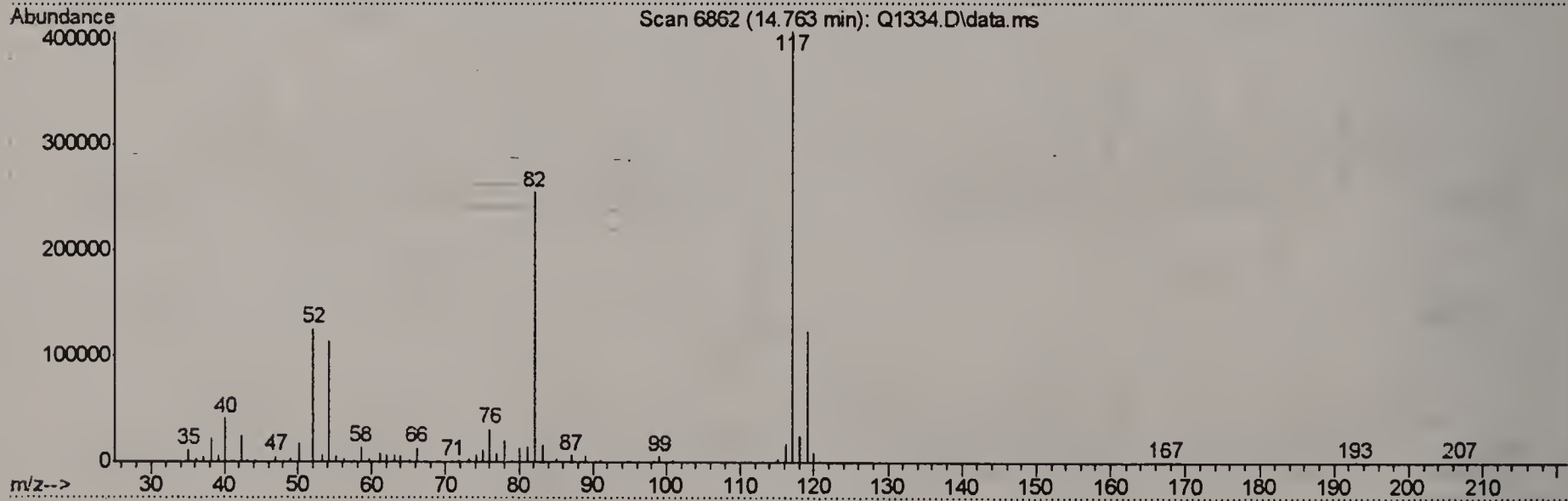
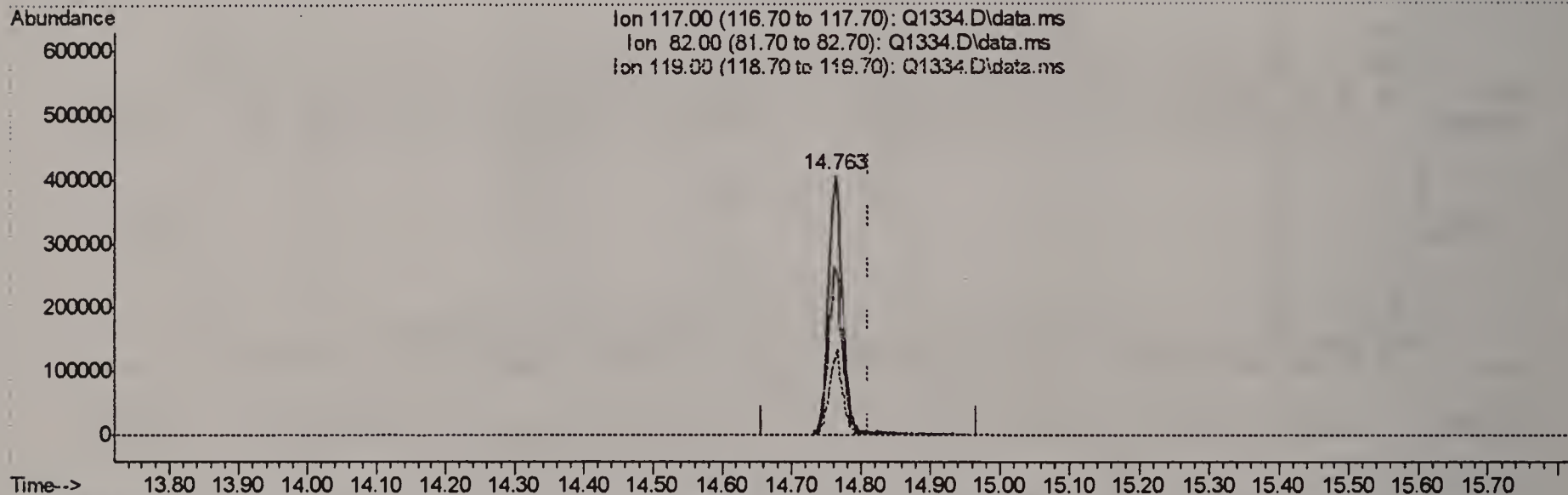
Tgt Ion: 164 Resp: 9456
Ion Ratio Lower Upper
164 100
129 92.2 75.5 115.5
168 35.1 42.7 82.7#
131 77.8 75.2 115.2



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1334.D
 Acq On : 8 Aug 2006 6:26 pm
 Operator : PhilipB
 Sample : M58073-2 (M002)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 08 18:52:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.763min (-0.048) 10.00PPBV

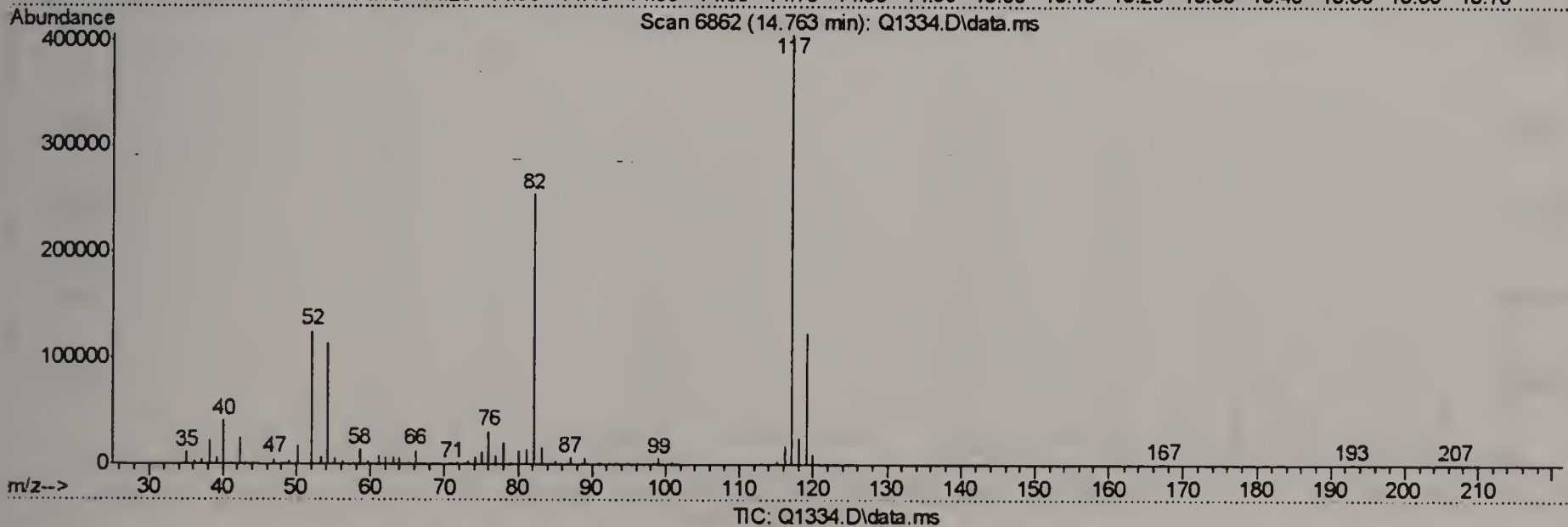
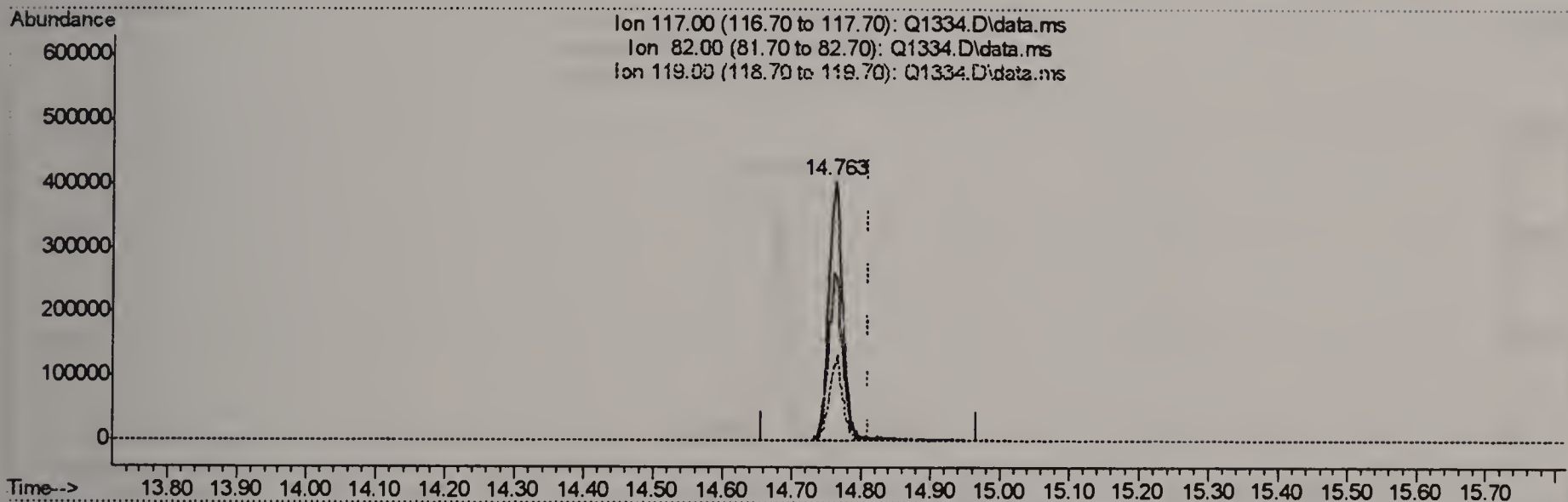
response 592038

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	64.43
119.00	31.70	31.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1334.D
 Acq On : 8 Aug 2006 6:26 pm
 Operator : PhilipB
 Sample : M58073-2 (M002)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 08 18:52:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.763min (-0.048) 10.00PPBV m

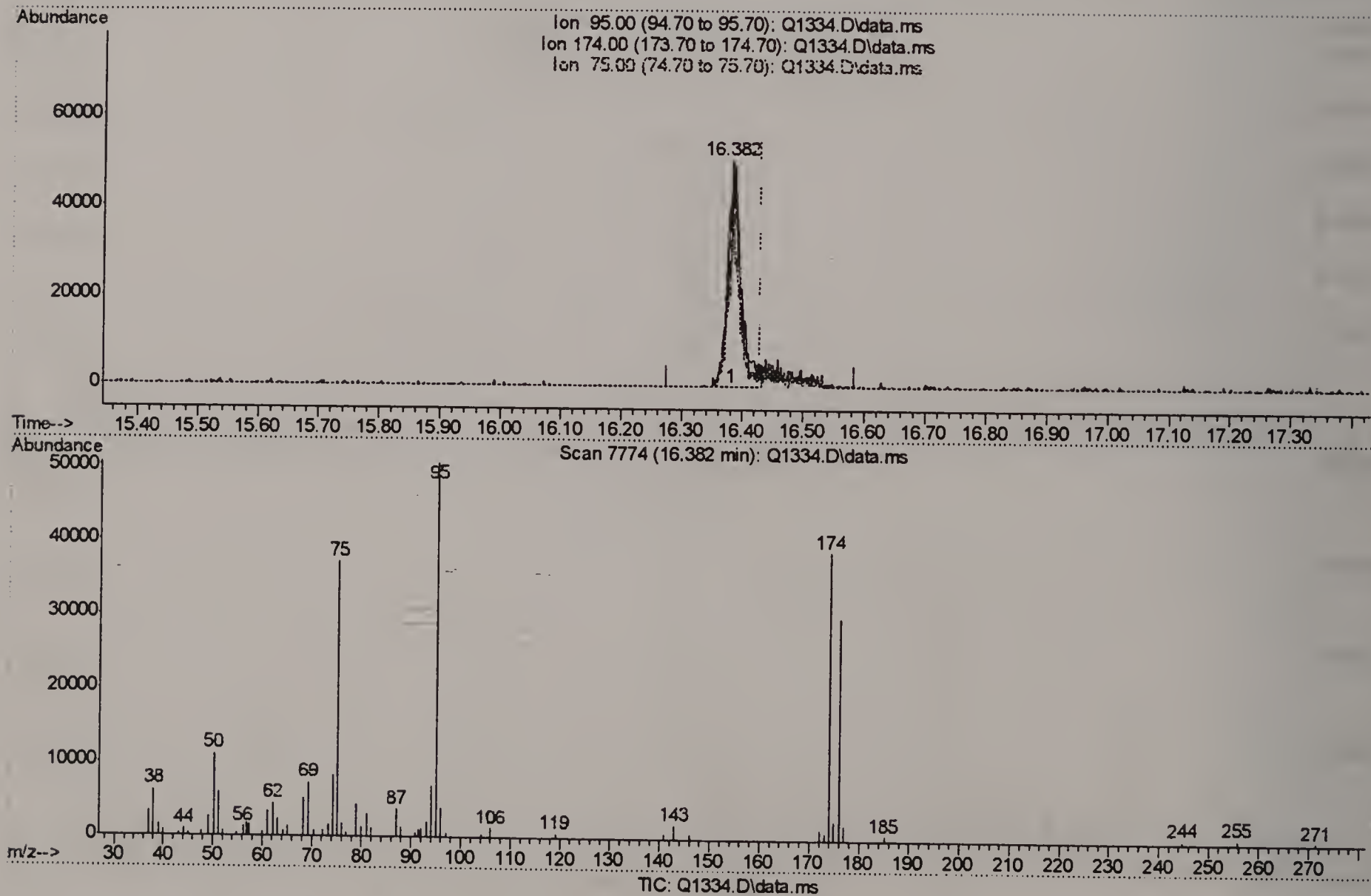
response 631578

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	60.39
119.00	31.70	29.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1334.D
 Acq On : 8 Aug 2006 6:26 pm
 Operator : PhilipB
 Sample : M58073-2 (M002)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 08 18:52:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 2.50PPBV

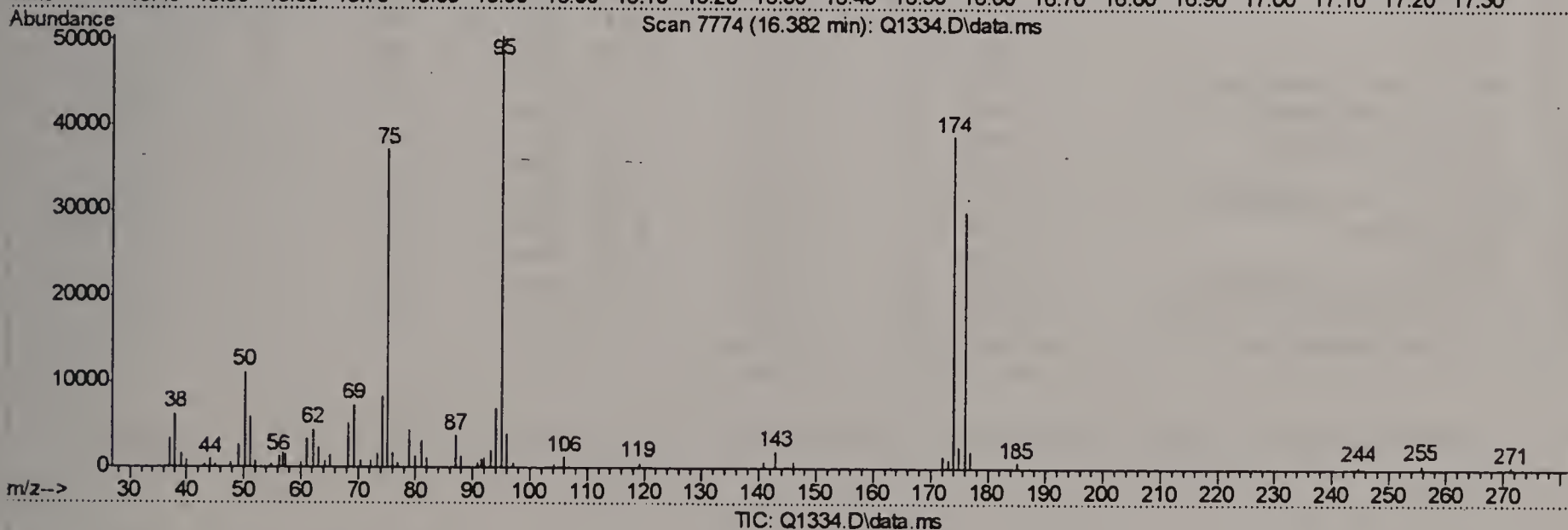
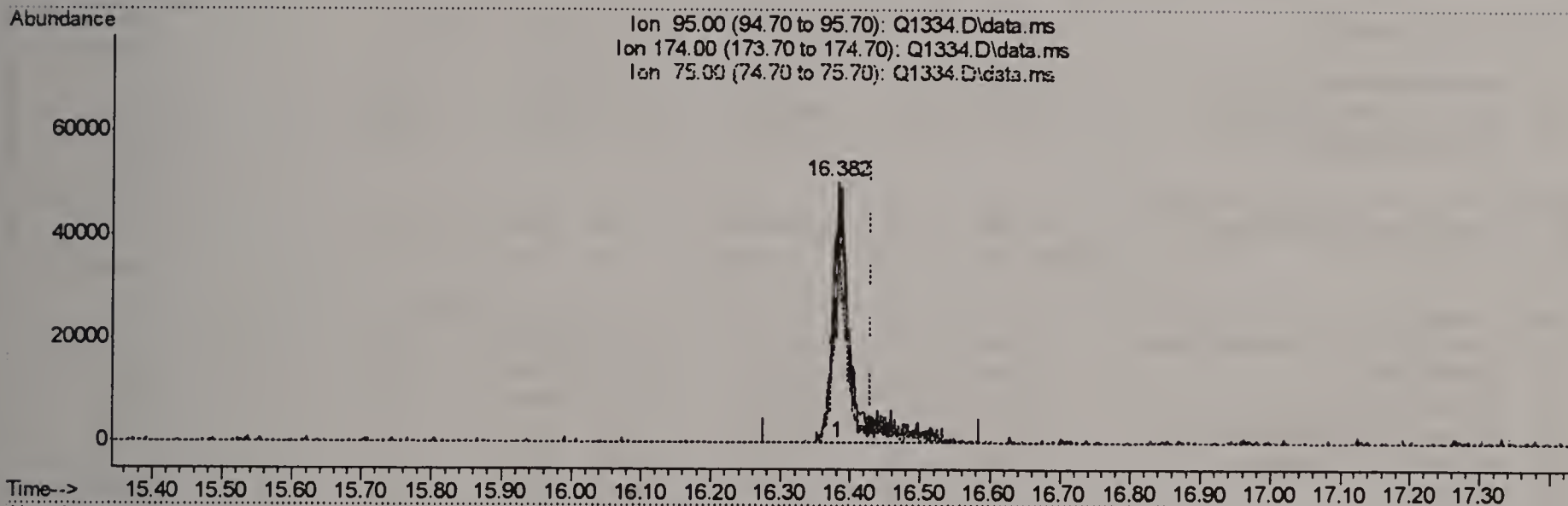
response 79267

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	80.54
75.00	52.30	59.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1334.D
 Acq On : 8 Aug 2006 6:26 pm
 Operator : PhilipB
 Sample : M58073-2 (M002)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 08 18:52:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



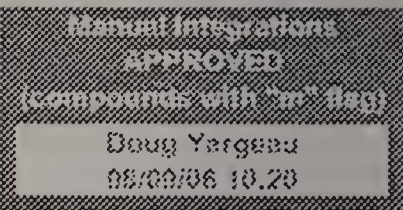
(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.03PPBV m

response 95987

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	66.51
75.00	52.30	49.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.685	128	439482	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1042286	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	629753	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	110349m	3.49	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	69.80%

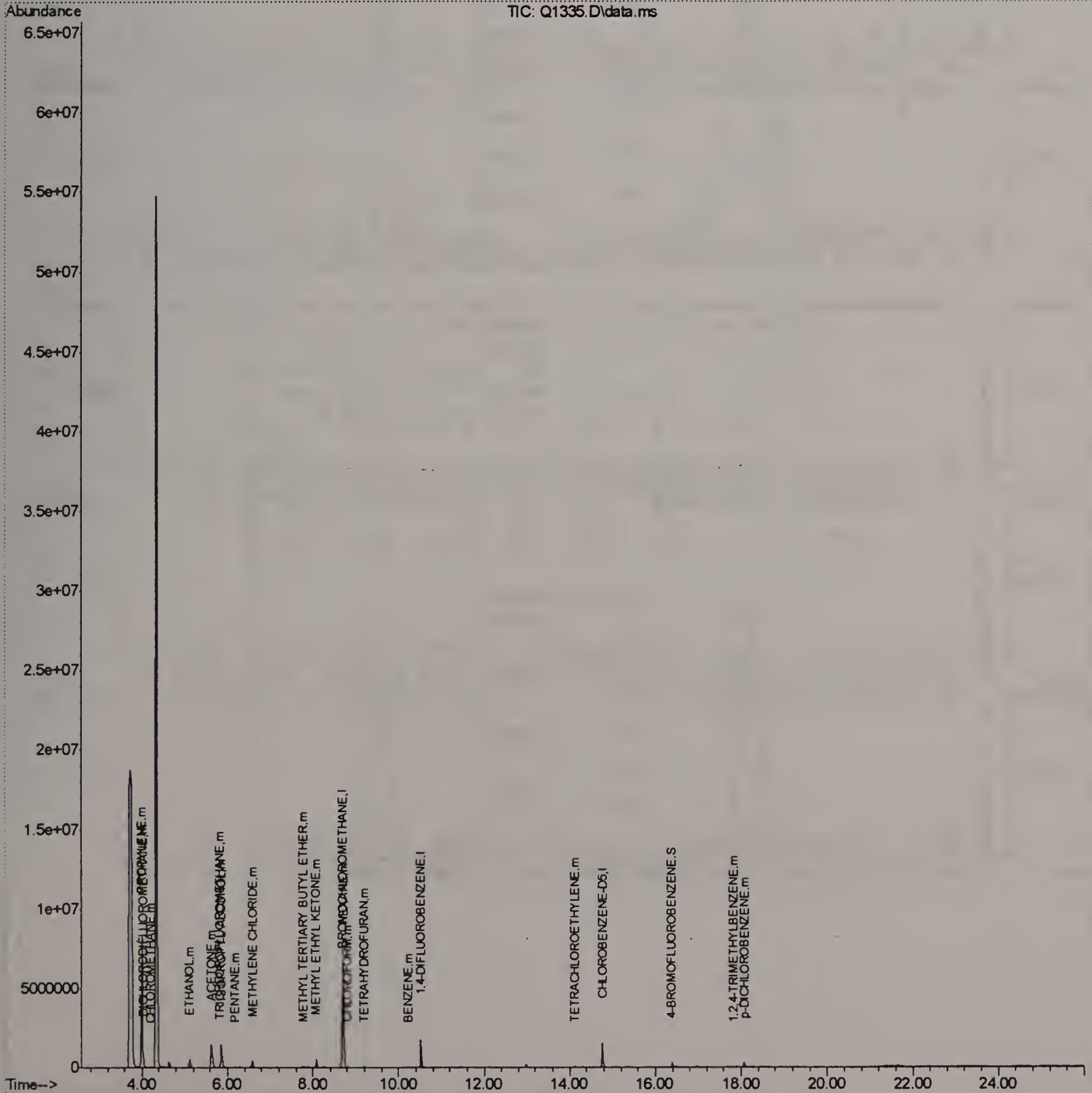
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	123703	0.67	PPBV	97
3) PROPYLENE	3.996	41	2329233	79.17	PPBV #	17
5) CHLOROMETHANE	4.212	50	21301	0.46	PPBV	90
10) TRICHLOROFLUOROMETHANE	5.819	101	63930m	0.29	PPBV	
11) ISOPROPYL ALCOHOL	5.852	45	1934383	36.57	PPBV	88
12) ACETONE	5.622	43	2377772	31.62	PPBV	89
13) PENTANE	6.175	42	22188	0.47	PPBV #	48
16) ETHANOL	5.114	45	740231	46.01	PPBV	94
18) METHYLENE CHLORIDE	6.583	84	163810	3.12	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.762	73	48538	0.41	PPBV	78
24) TETRAHYDROFURAN	9.194	42	53043	1.93	PPBV	80
25) HEXANE	8.719	57	44851	0.59	PPBV #	1
28) METHYL ETHYL KETONE	8.074	43	679160	7.11	PPBV	96
31) CHLOROFORM	8.800	83	32608	0.24	PPBV	99
36) BENZENE	10.206	78	19823	0.22	PPBV #	75
51) TETRACHLOROETHYLENE	14.114	164	14981	0.45	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.804	105	11910	0.33	PPBV	97
70) p-DICHLOROBENZENE	18.068	146	123045m	3.27	PPBV	

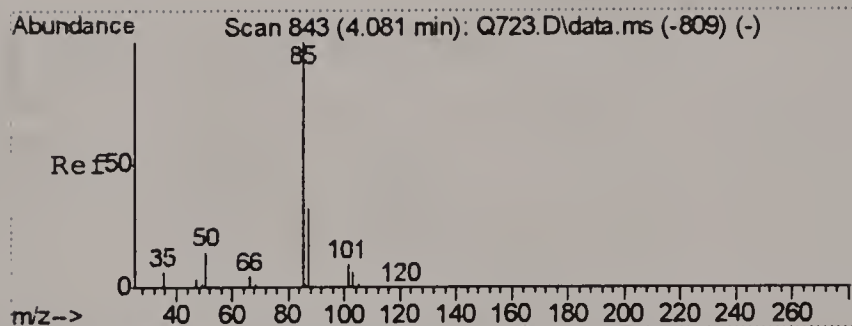
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

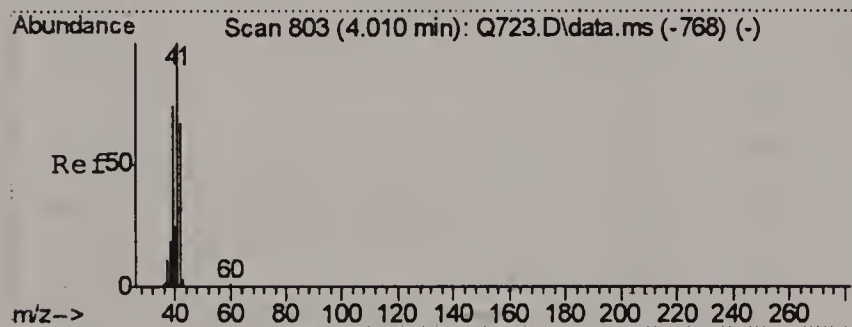
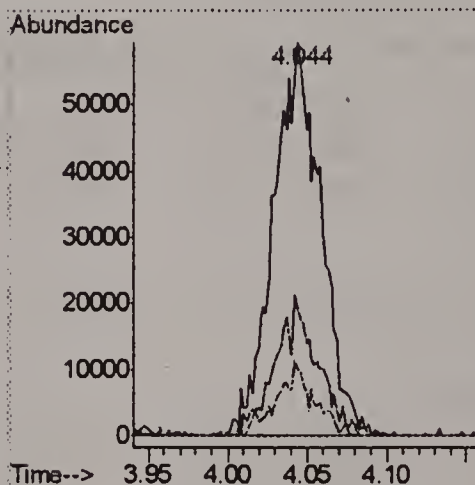
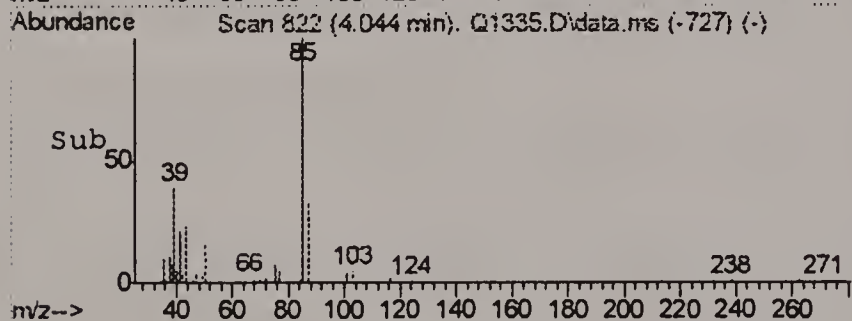
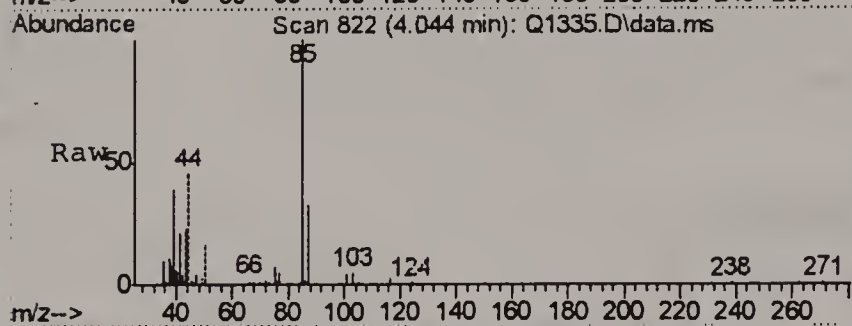
Quant Time: Aug 09 09:14:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration





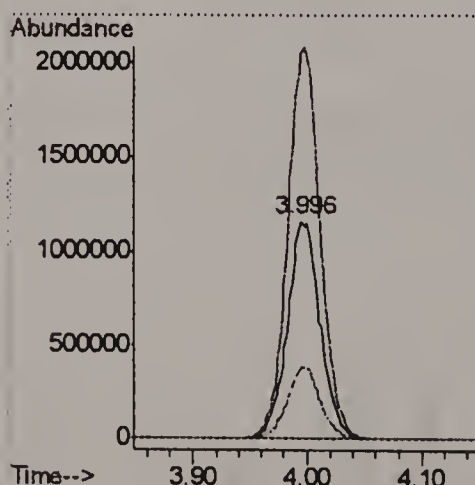
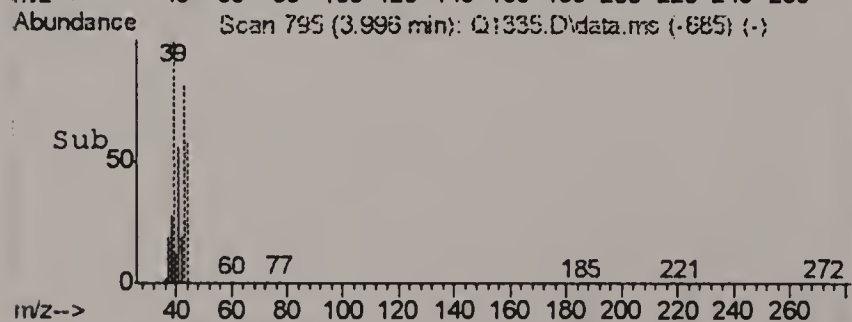
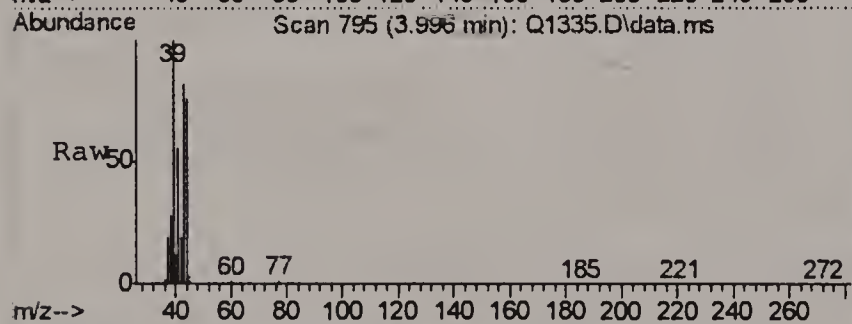
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.67 PPBV
 RT: 4.044 min Scan# 822
 Delta R.T. -0.037 min
 Lab File: Q1335.D
 Acq: 8 Aug 2006 7:12 pm

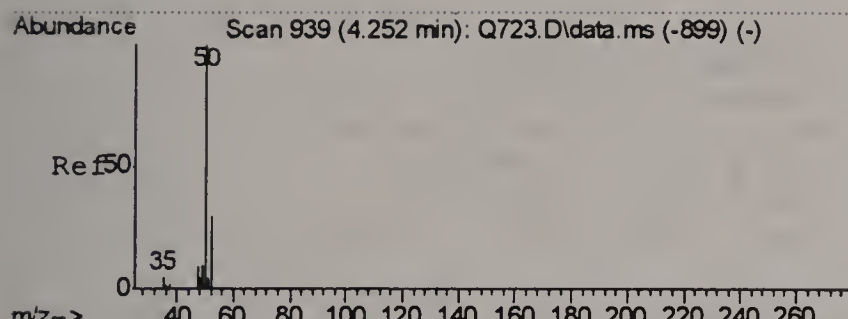
Tgt Ion	Resp	Lower	Upper
85	100		
87	30.7	11.9	51.9
50	13.5	0.0	35.5



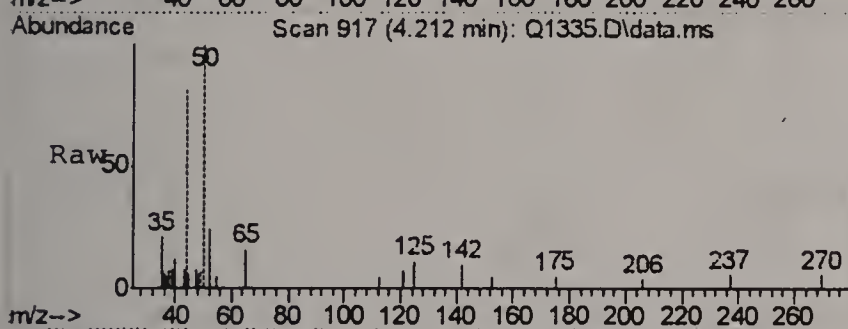
#3
 PROPYLENE
 Concen: 79.17 PPBV
 RT: 3.996 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: Q1335.D
 Acq: 8 Aug 2006 7:12 pm

Tgt Ion	Resp	Lower	Upper
41	100		
39	177.5	55.3	95.3#
42	33.5	46.8	86.8#

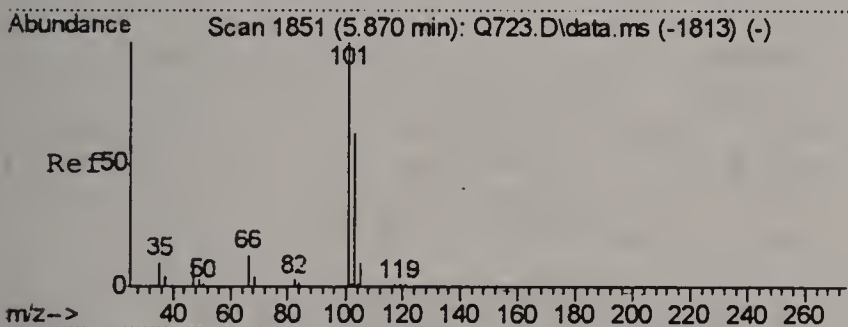
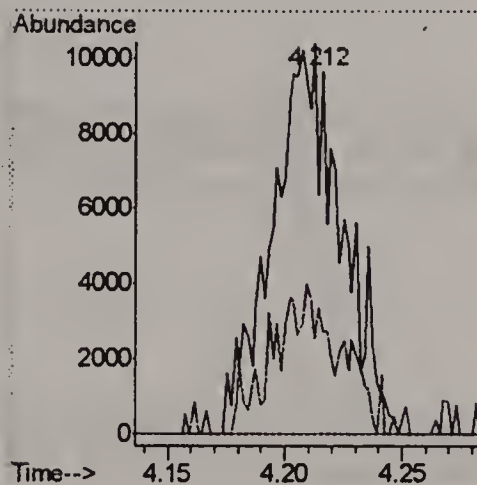
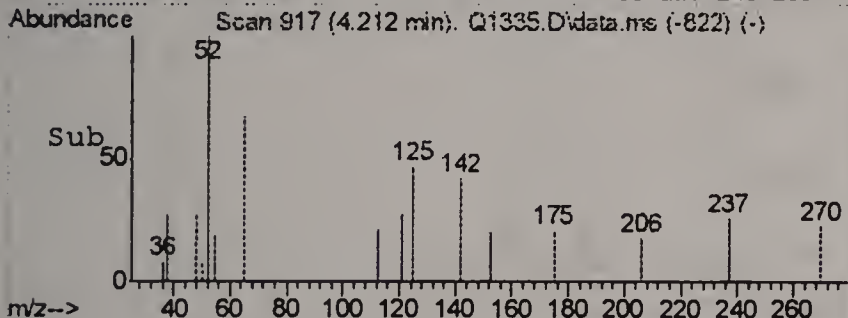




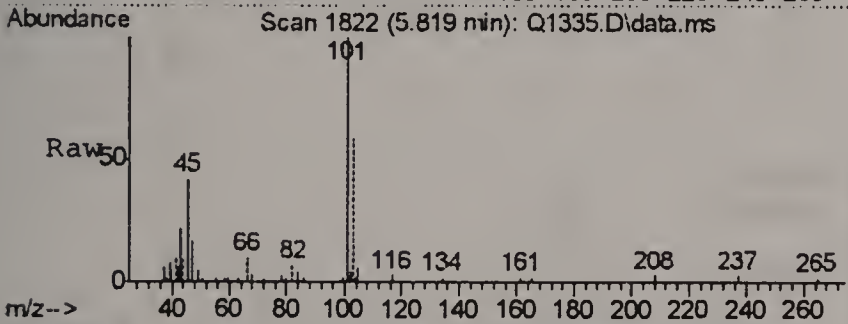
#5
CHLOROMETHANE
Concen: 0.46 PPBV
RT: 4.212 min Scan# 917
Delta R.T. -0.037 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm



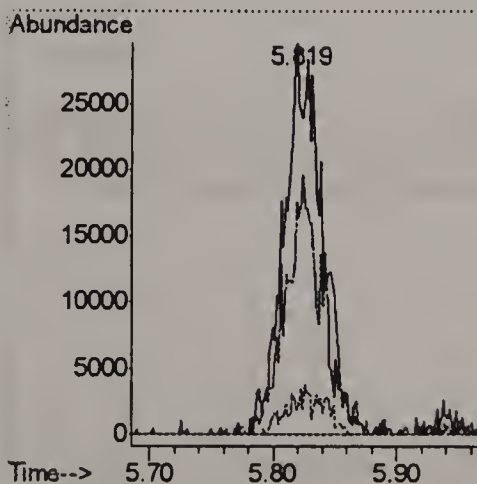
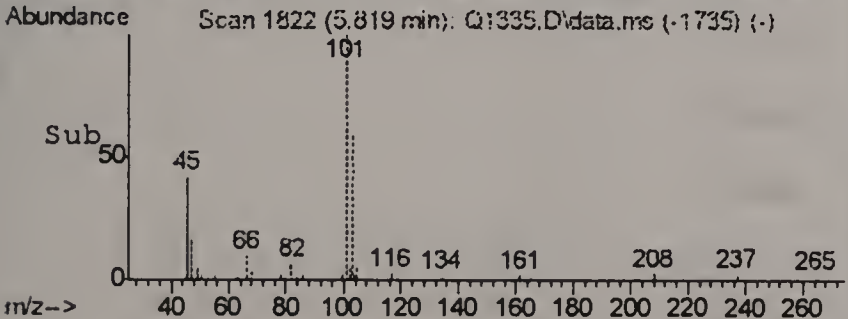
Tgt Ion: 50 Resp: 21301
Ion Ratio Lower Upper
50 100
52 24.3 9.7 49.7

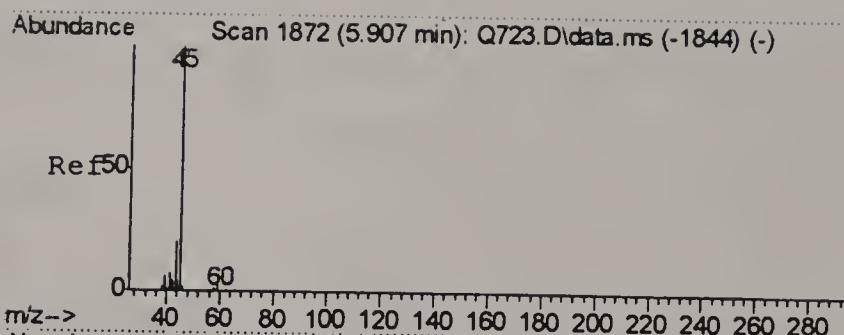


#10
TRICHLOROFLUOROMETHANE
Concen: 0.29 PPBV m
RT: 5.819 min Scan# 1822
Delta R.T. -0.052 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

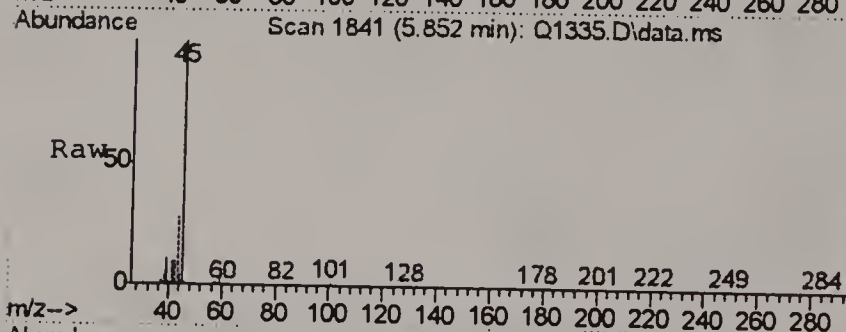


Tgt Ion: 101 Resp: 63930
Ion Ratio Lower Upper
101 100
103 62.5 44.3 84.3
105 5.0 0.0 30.4



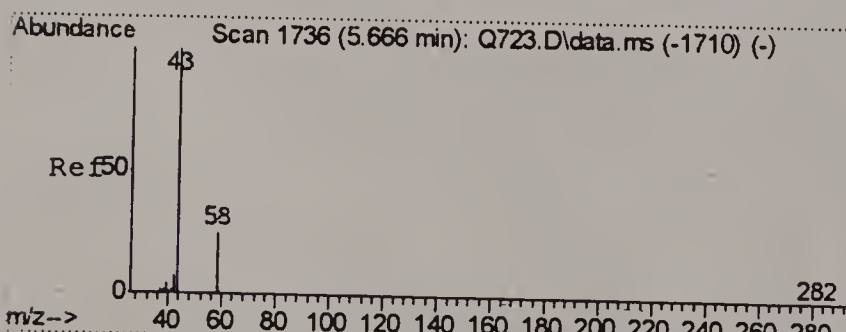
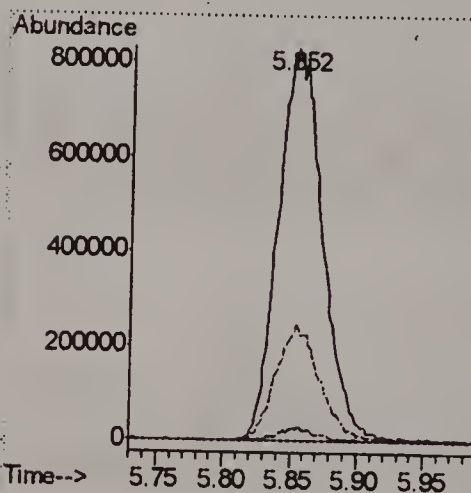
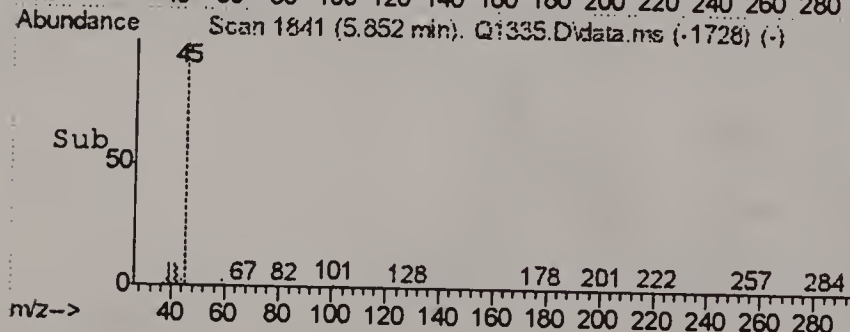


#11
ISOPROPYL ALCOHOL
Concen: 36.57 PPBV
RT: 5.852 min Scan# 1841
Delta R.T. -0.058 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

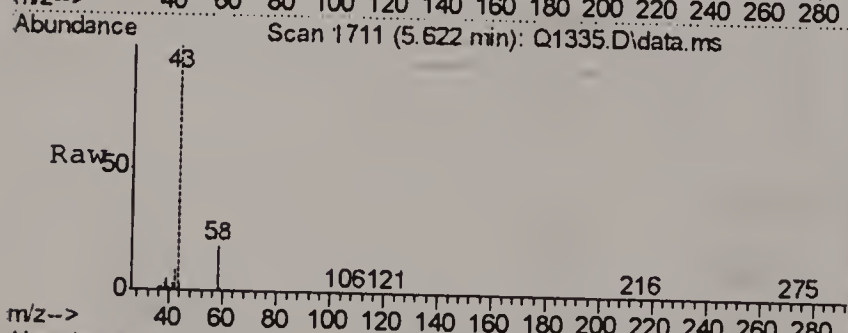


Tgt Ion: 45 Resp: 1934383

Ion	Ratio	Lower	Upper
45	100		
59	3.3	0.0	23.5
43	28.3	1.6	41.6

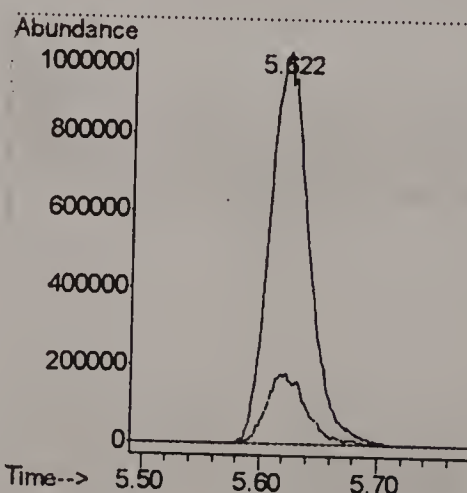
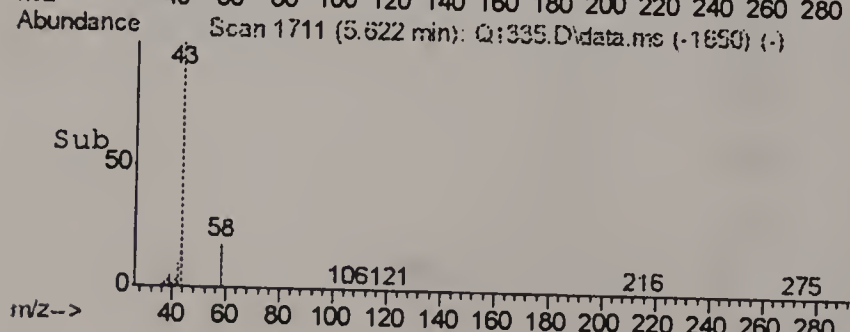


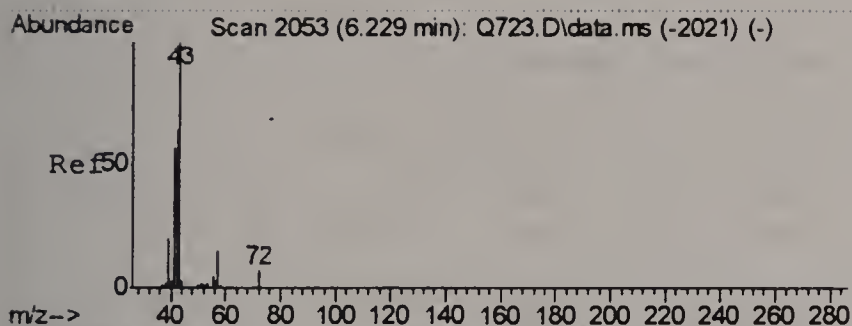
#12
ACETONE
Concen: 31.62 PPBV
RT: 5.622 min Scan# 1711
Delta R.T. -0.047 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm



Tgt Ion: 43 Resp: 2377772

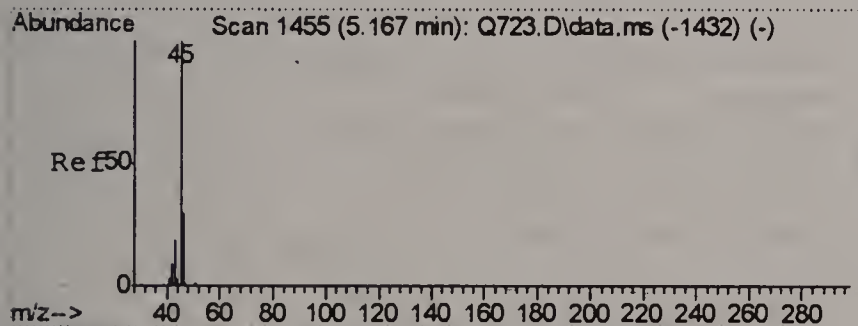
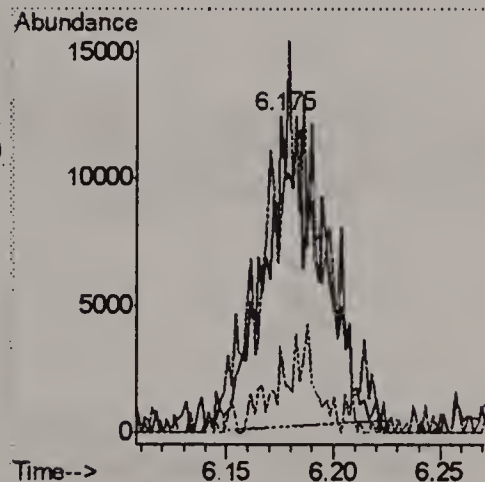
Ion	Ratio	Lower	Upper
43	100		
58	18.8	4.1	44.1





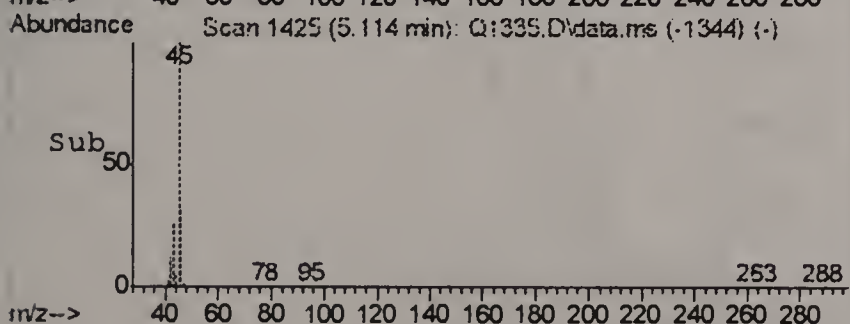
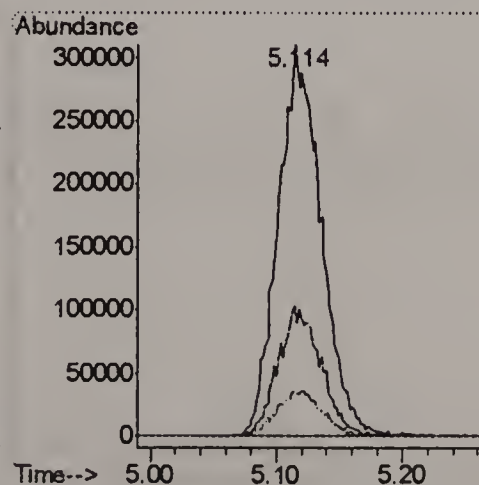
#13
PENTANE
Concen: 0.47 PPBV
RT: 6.175 min Scan# 2023
Delta R.T. -0.053 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

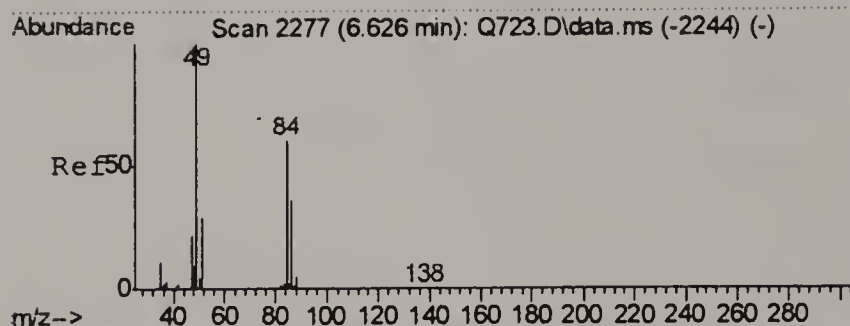
Tgt Ion	Ratio	Lower	Upper
42	100		
41	38.5	72.2	112.2#
57	5.5	1.9	41.9



#16
ETHANOL
Concen: 46.01 PPBV
RT: 5.114 min Scan# 1425
Delta R.T. -0.062 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

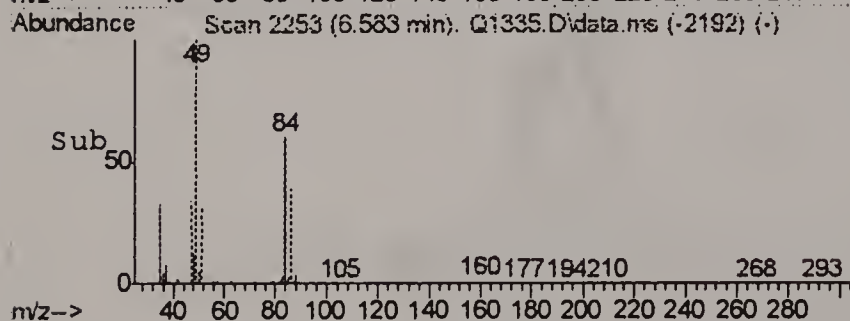
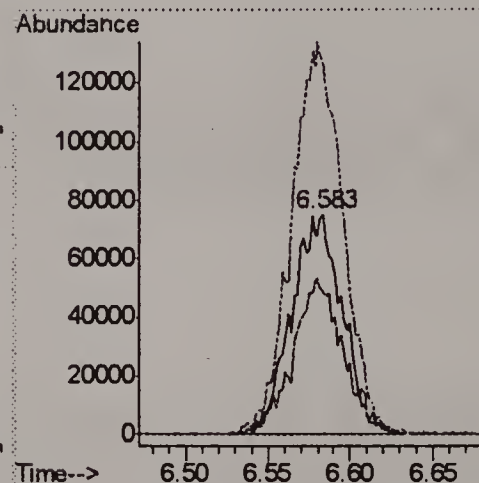
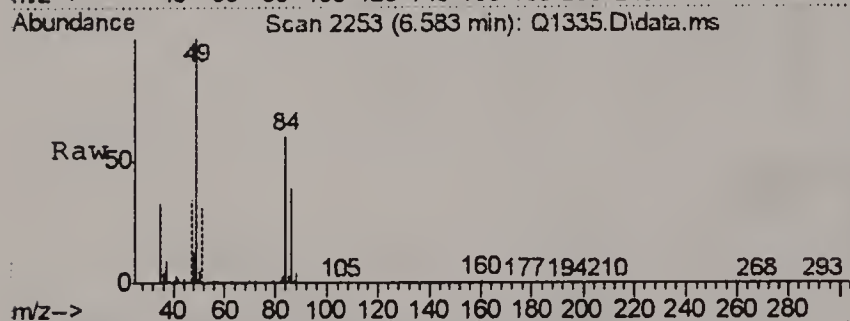
Tgt Ion	Ratio	Lower	Upper
45	100		
46	33.2	16.4	56.4
42	12.6	0.0	28.8





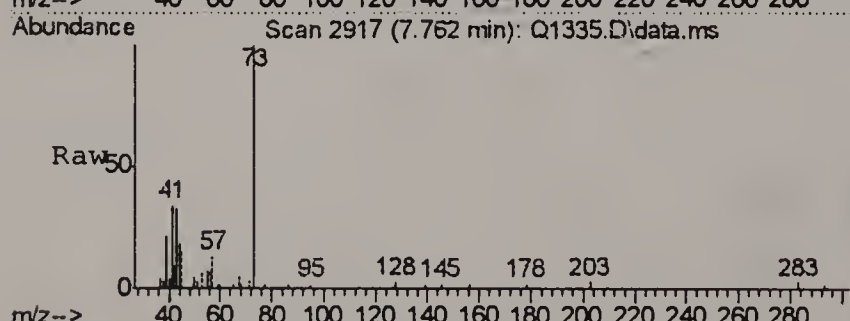
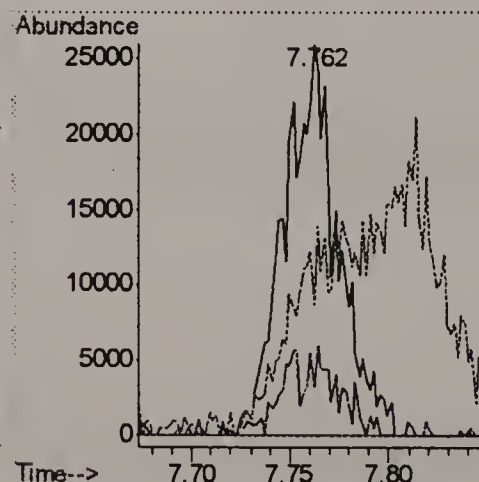
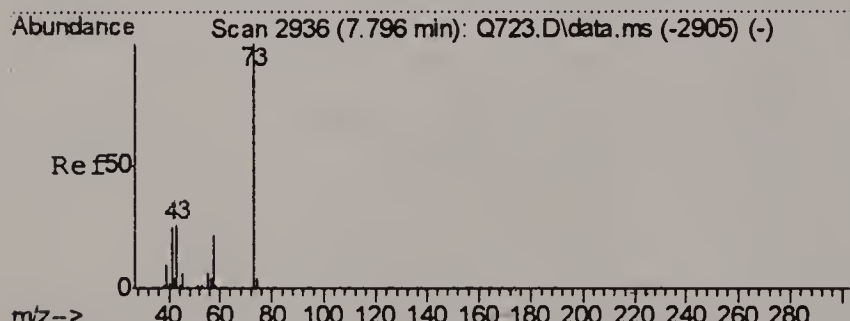
#18
 METHYLENE CHLORIDE
 Concen: 3.12 PPBV
 RT: 6.583 min Scan# 2253
 Delta R.T. -0.043 min
 Lab File: Q1335.D
 Acq: 8 Aug 2006 7:12 pm

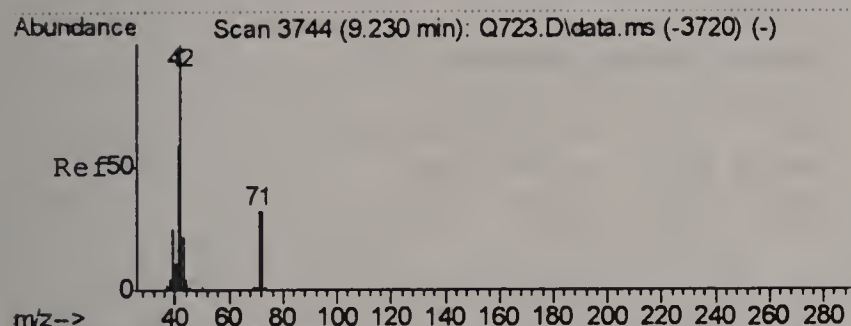
Tgt Ion	Ratio	Lower	Upper
84	100		
86	68.4	44.6	84.6
49	177.8	0.7	400.7



#23
 METHYL TERTIARY BUTYL ETHER
 Concen: 0.41 PPBV
 RT: 7.762 min Scan# 2917
 Delta R.T. -0.034 min
 Lab File: Q1335.D
 Acq: 8 Aug 2006 7:12 pm

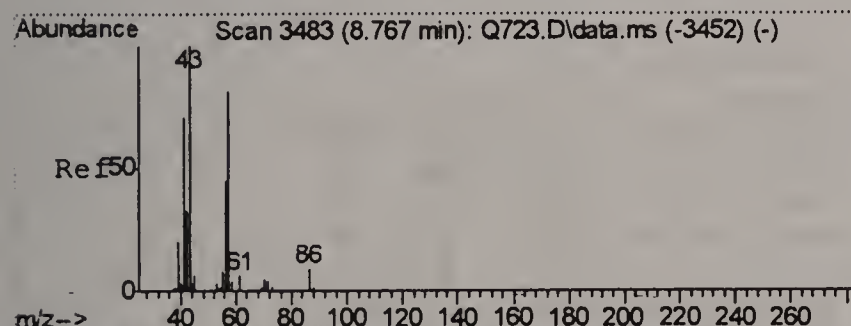
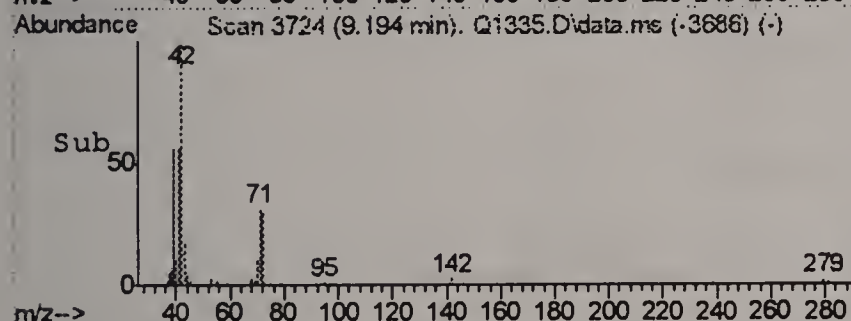
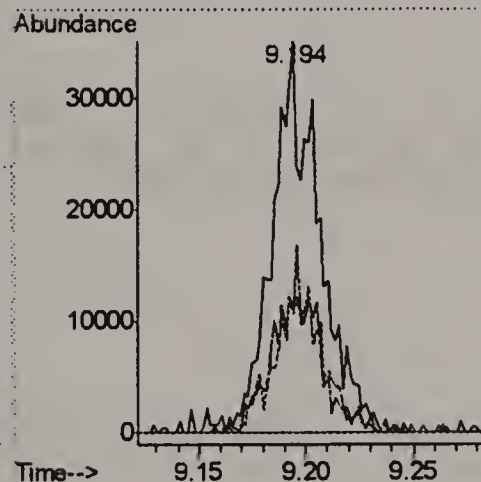
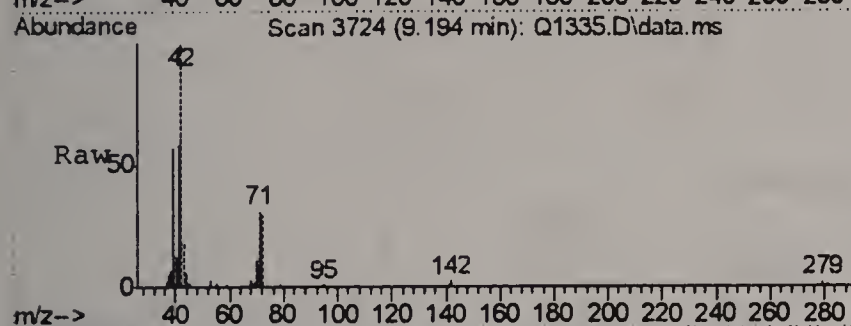
Tgt Ion	Ratio	Lower	Upper
73	100		
57	12.7	4.1	44.1
43	40.1	9.0	49.0





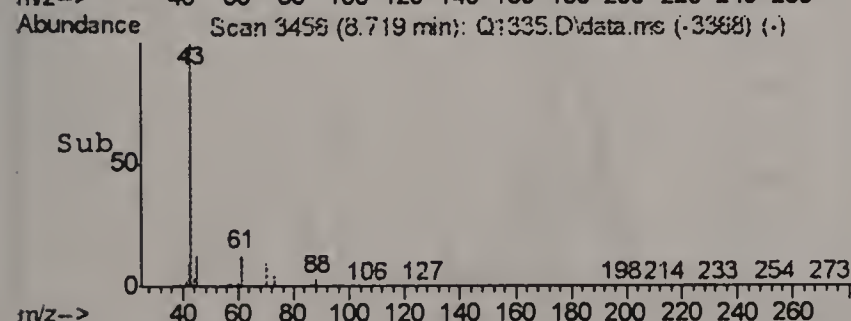
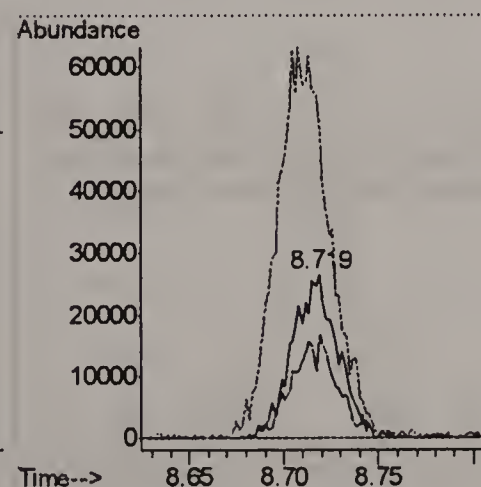
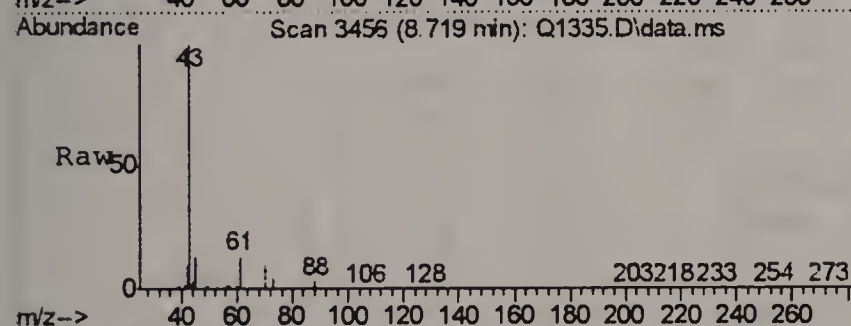
#24
TETRAHYDROFURAN
Concen: 1.93 PPBV
RT: 9.194 min Scan# 3724
Delta R.T. -0.036 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

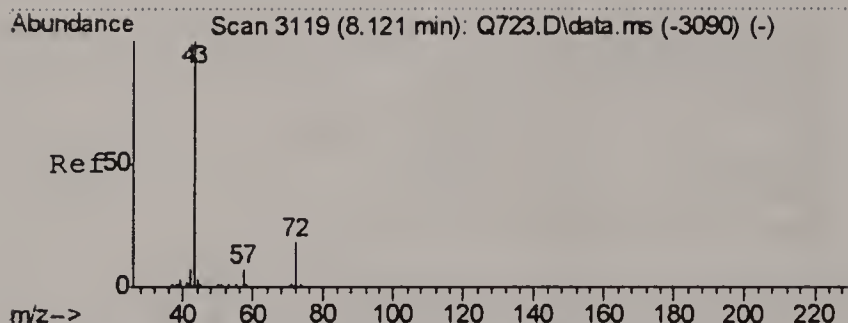
Tgt Ion: 42 Resp: 53043
Ion Ratio Lower Upper
42 100
72 40.6 9.7 49.7
71 38.7 8.6 48.6



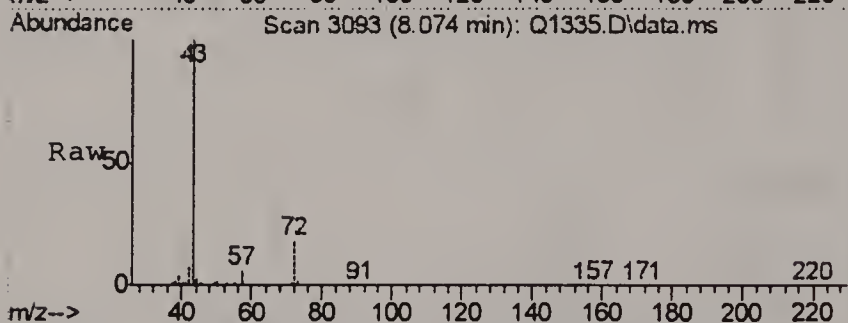
#25
HEXANE
Concen: 0.59 PPBV
RT: 8.719 min Scan# 3456
Delta R.T. -0.049 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

Tgt Ion: 57 Resp: 44851
Ion Ratio Lower Upper
57 100
56 63.5 35.6 75.6
41 276.5 71.4 111.4#

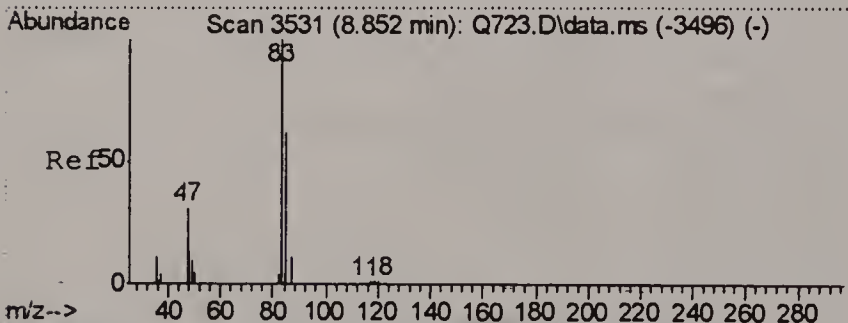
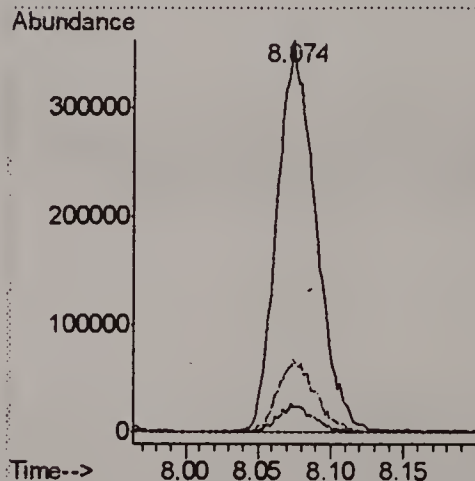
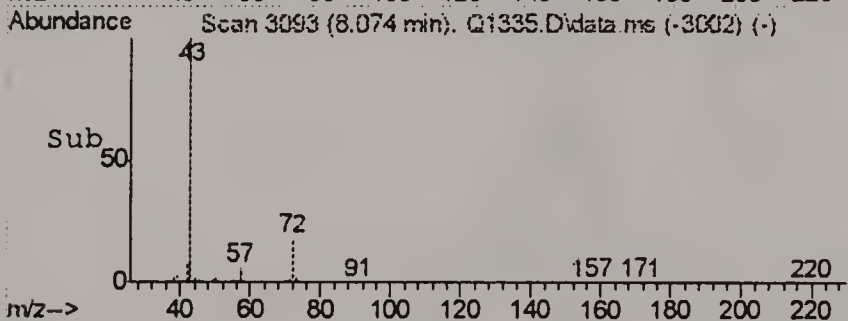




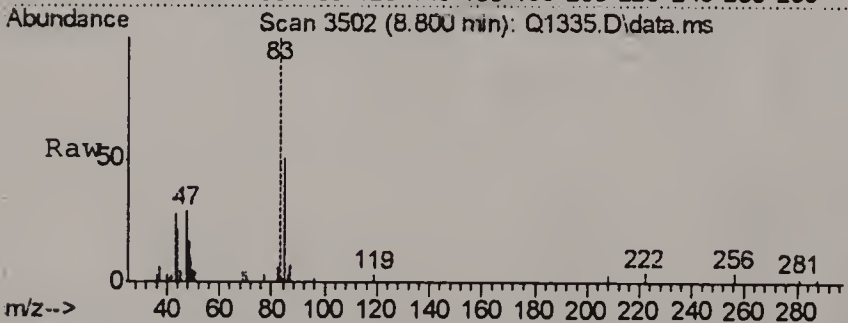
#28
METHYL ETHYL KETONE
Concen: 7.11 PPBV
RT: 8.074 min Scan# 3093
Delta R.T. -0.044 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm



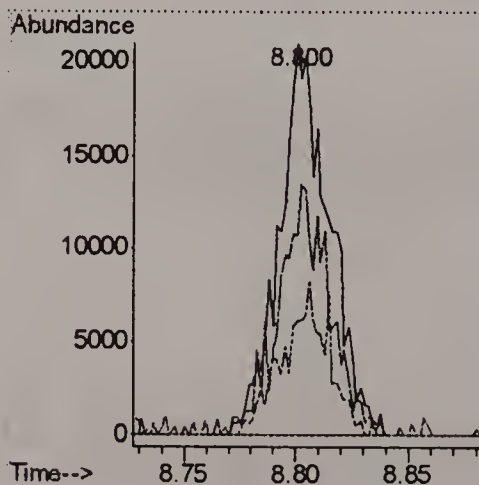
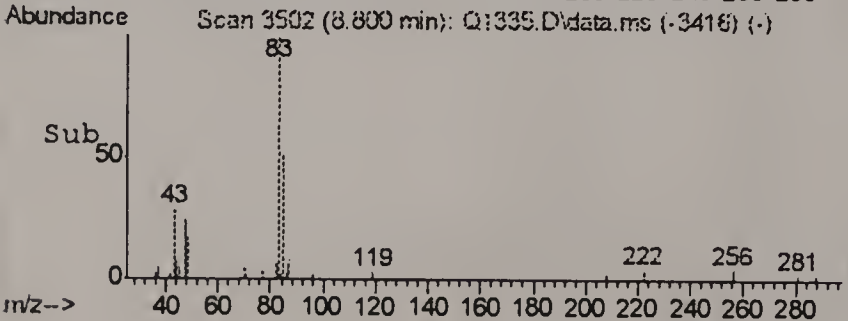
Tgt Ion: 43 Resp: 679160
Ion Ratio Lower Upper
43 100
57 6.3 0.0 26.7
72 18.4 0.0 36.0

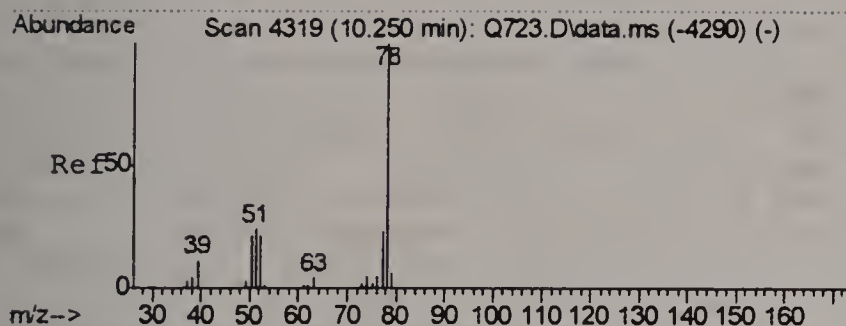


#31
CHLOROFORM
Concen: 0.24 PPBV
RT: 8.800 min Scan# 3502
Delta R.T. -0.053 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm

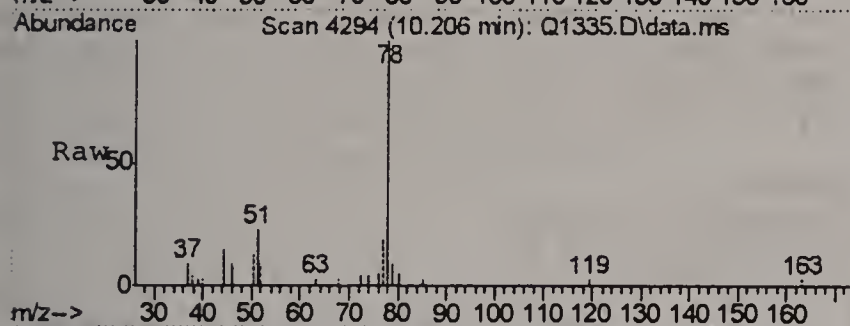


Tgt Ion: 83 Resp: 32608
Ion Ratio Lower Upper
83 100
85 64.5 44.8 84.8
47 35.1 13.7 53.7

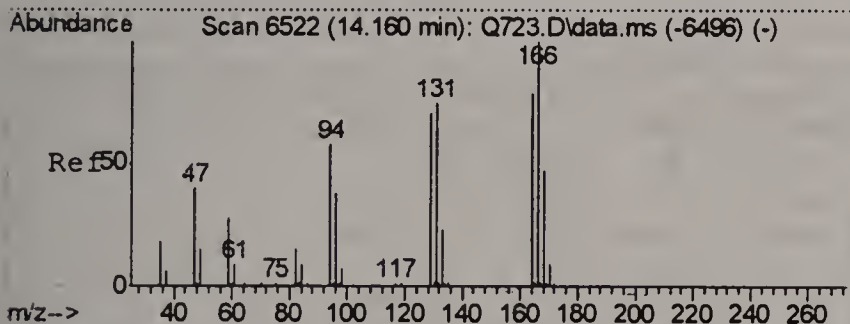
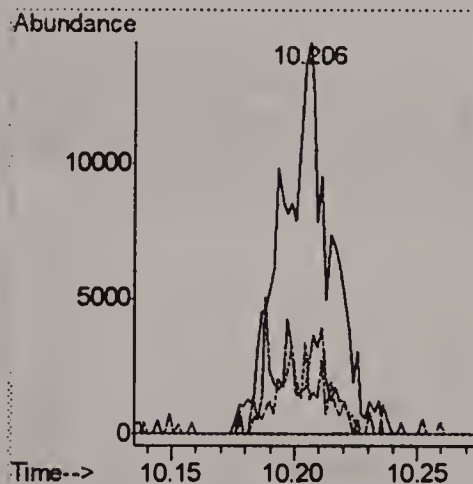
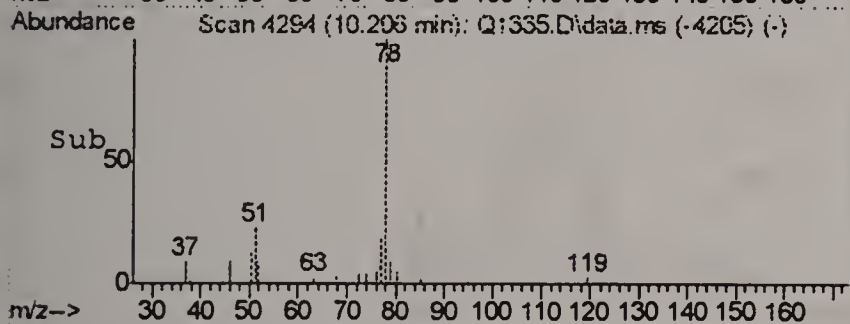




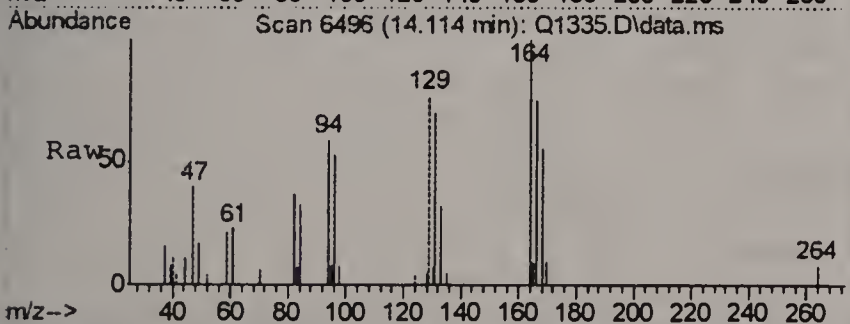
#36
 BENZENE
 Concen: 0.22 PPBV
 RT: 10.206 min Scan# 4294
 Delta R.T. -0.048 min
 Lab File: Q1335.D
 Acq: 8 Aug 2006 7:12 pm



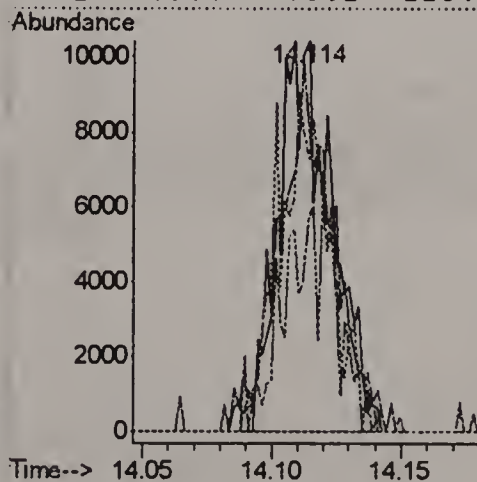
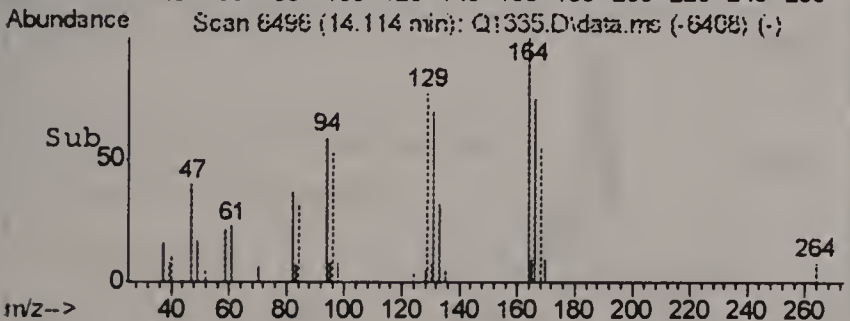
Tgt Ion: 78 Resp: 19823
 Ion Ratio Lower Upper
 78 100
 77 2.7 3.4 43.4#
 52 19.1 2.0 42.0

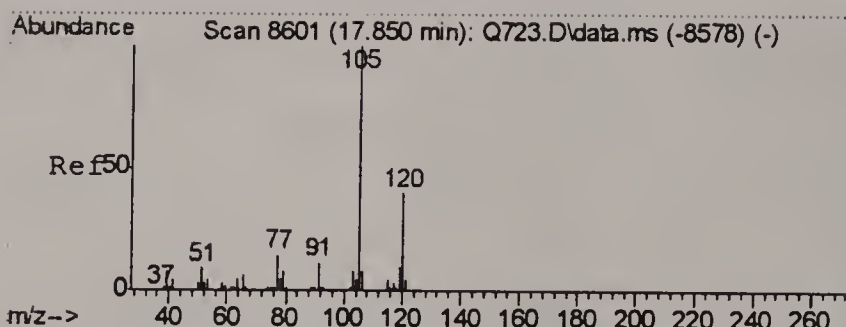


#51
 TETRACHLOROETHYLENE
 Concen: 0.45 PPBV
 RT: 14.114 min Scan# 6496
 Delta R.T. -0.049 min
 Lab File: Q1335.D
 Acq: 8 Aug 2006 7:12 pm

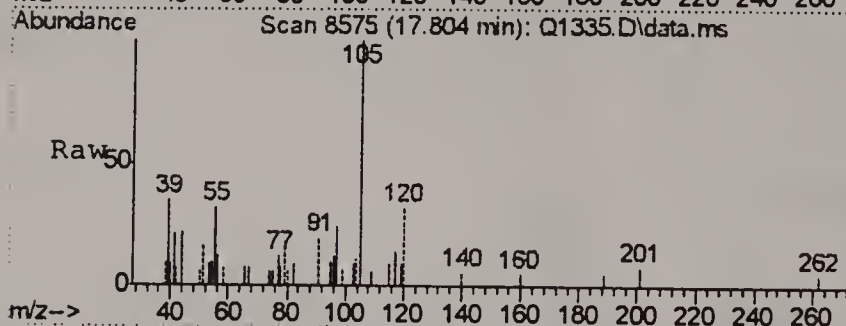


Tgt Ion: 164 Resp: 14981
 Ion Ratio Lower Upper
 164 100
 129 94.3 75.5 115.5
 168 58.7 42.7 82.7
 131 85.7 75.2 115.2

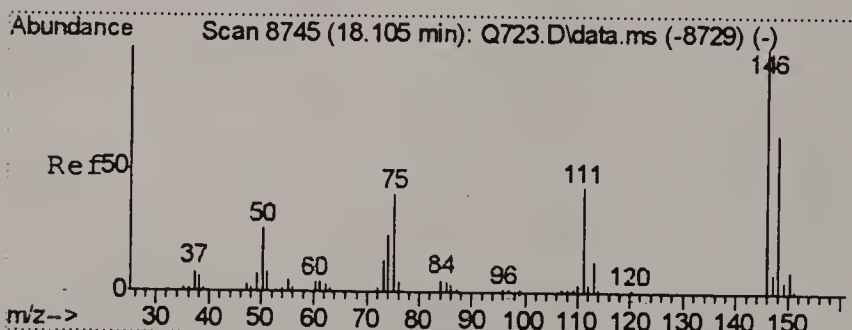
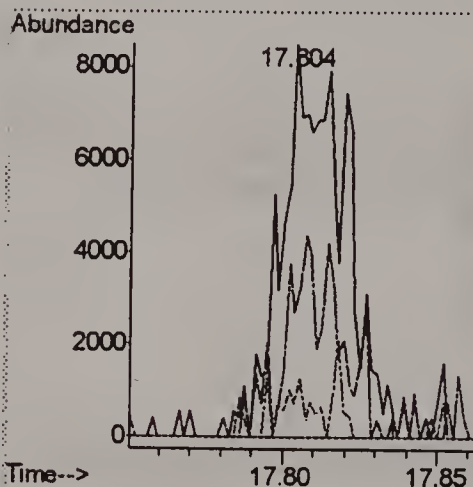
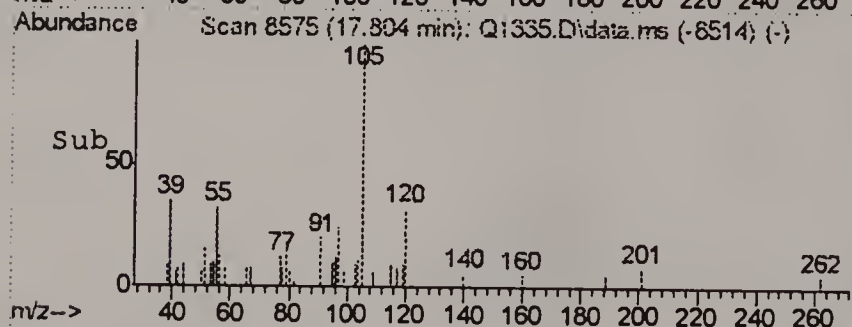




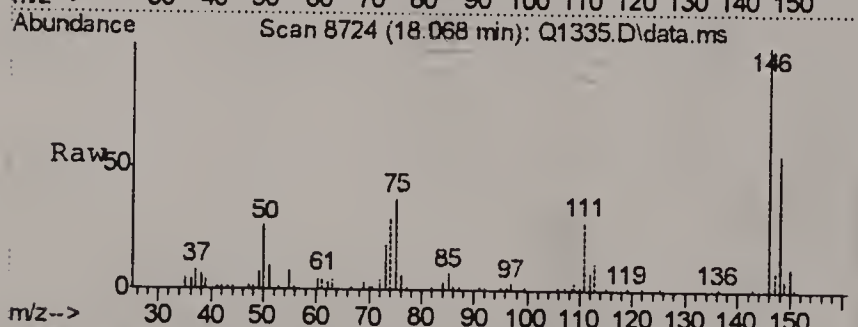
#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.33 PPBV
RT: 17.804 min Scan# 8575
Delta R.T. -0.047 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm



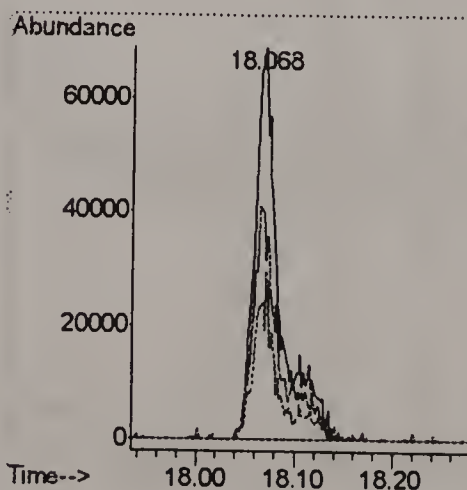
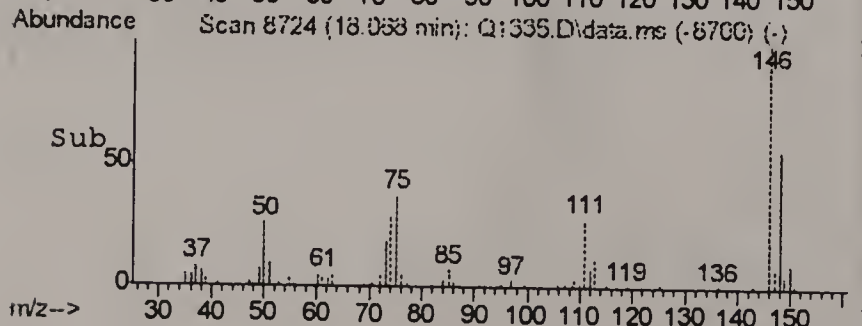
Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.7	62.7
119	4.3	0.0	30.7



#70
p-DICHLOROBENZENE
Concen: 3.27 PPBV m
RT: 18.068 min Scan# 8724
Delta R.T. -0.039 min
Lab File: Q1335.D
Acq: 8 Aug 2006 7:12 pm



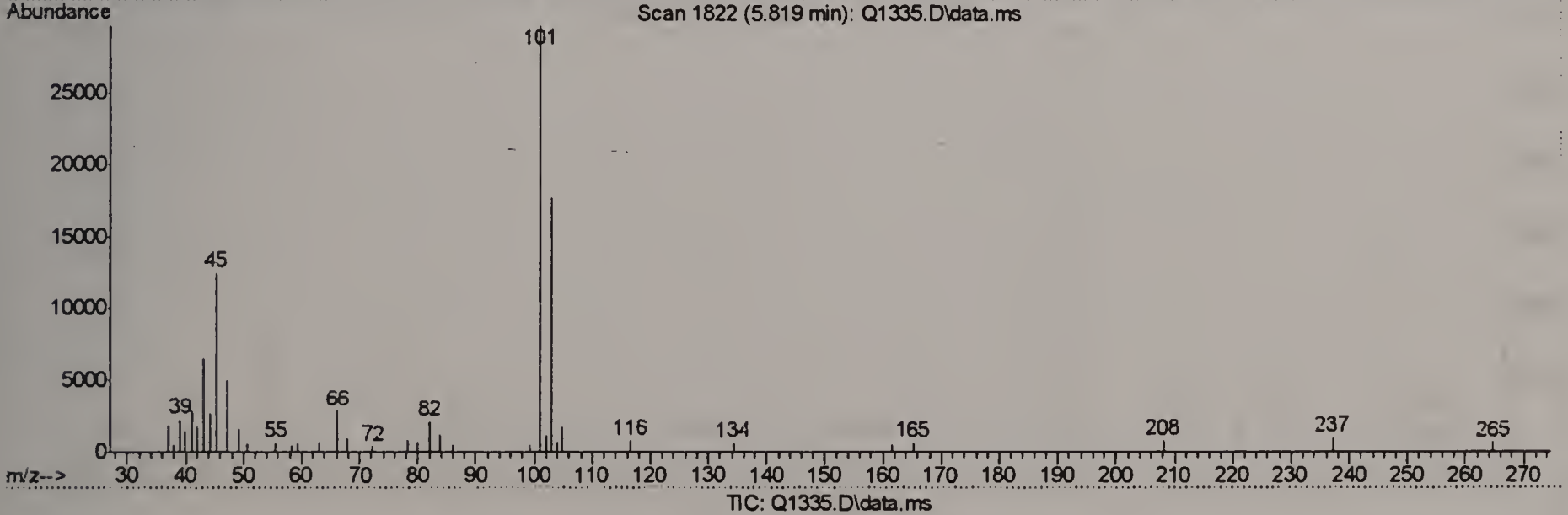
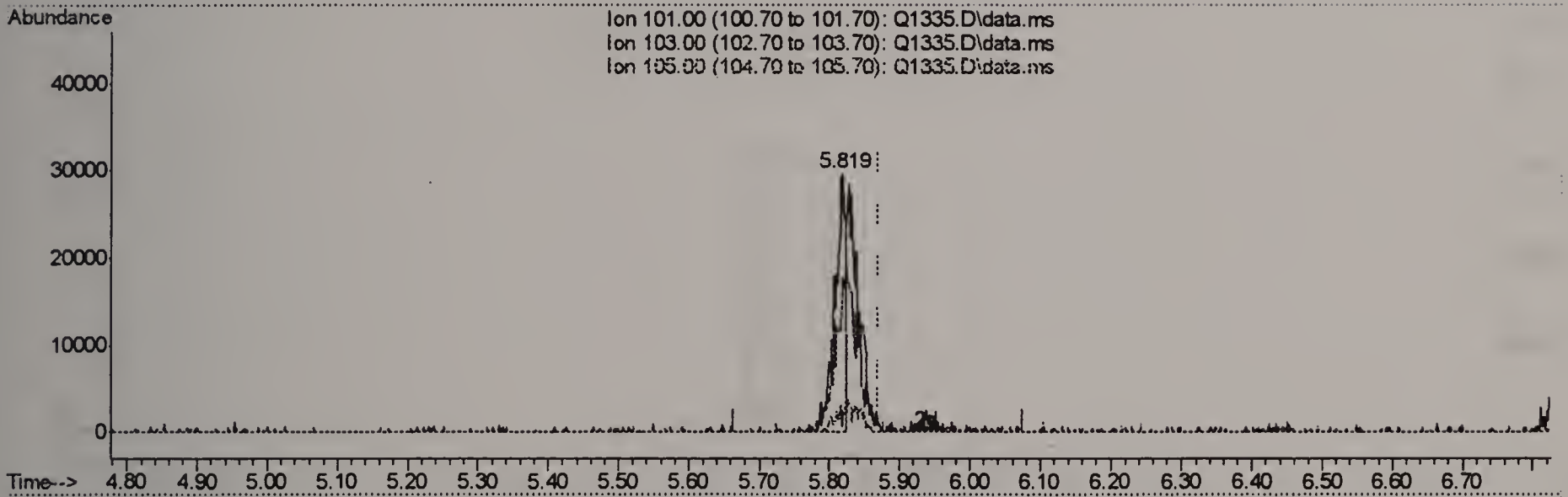
Tgt Ion	Ratio	Lower	Upper
146	100		
148	49.6	43.5	83.5
111	32.5	22.4	62.4



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:12:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(10) TRICHLOROFLUOROMETHANE (m)

5.819min (-0.052) 0.15PPBV

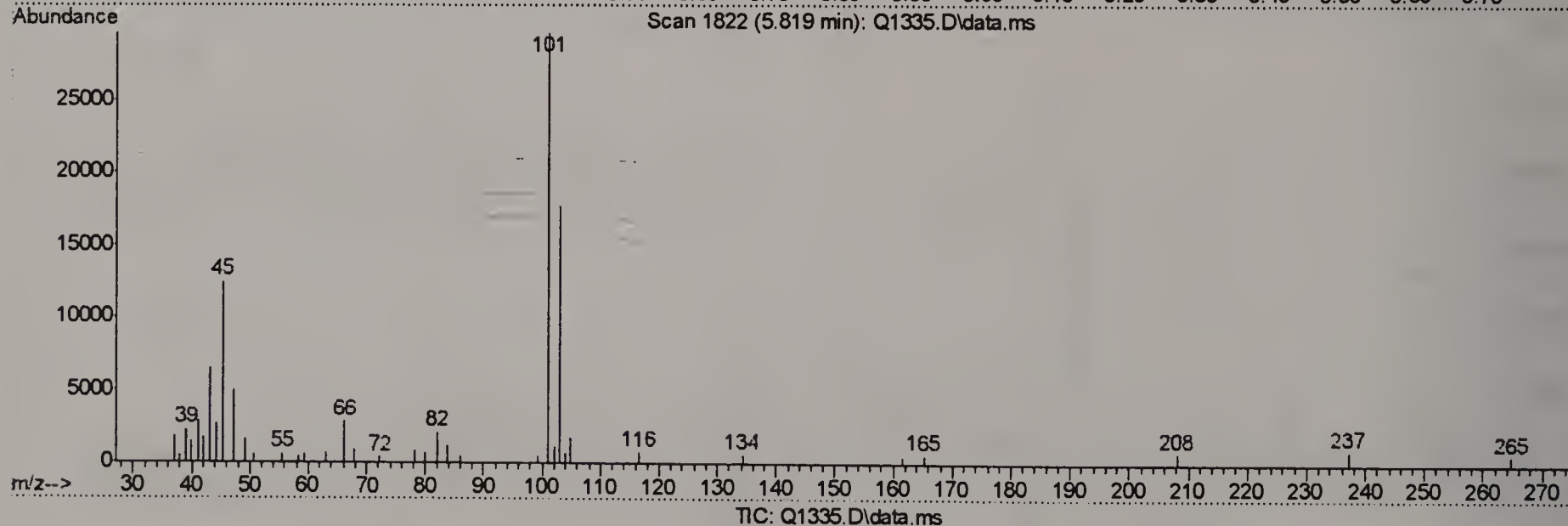
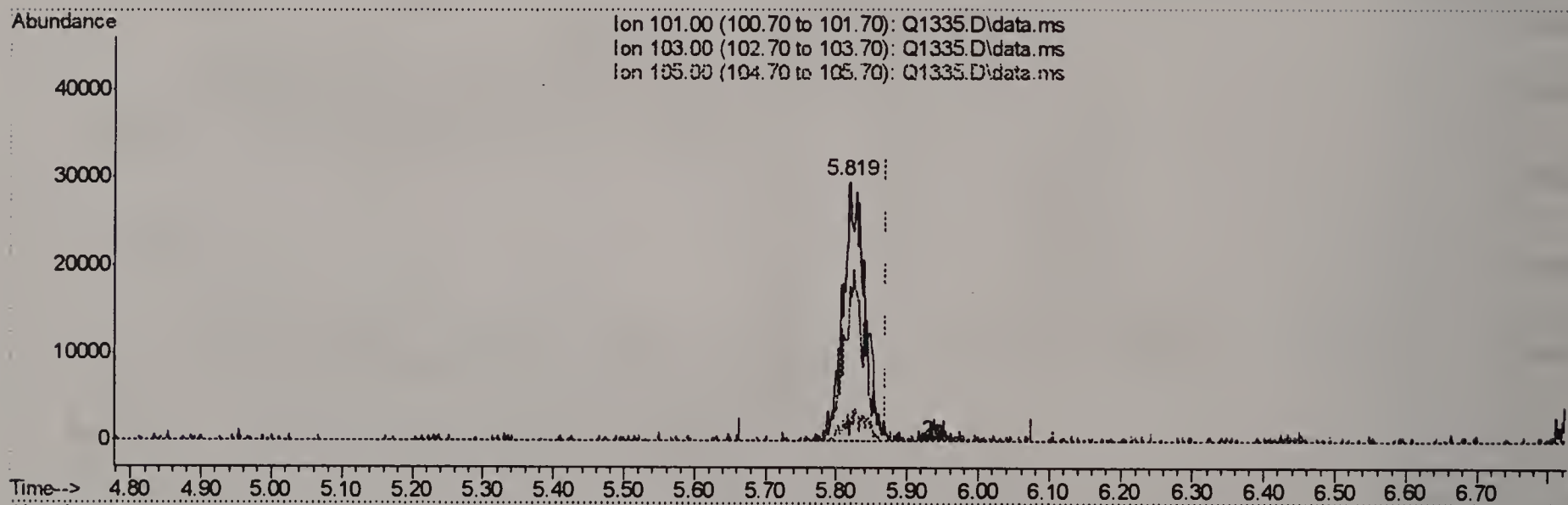
response 32504

Ion	Exp%	Act%
101.00	100	100
103.00	64.30	122.93#
105.00	10.40	9.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:12:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(10) TRICHLOROFLUOROMETHANE (m)

5.819min (-0.052) 0.29PPBV m

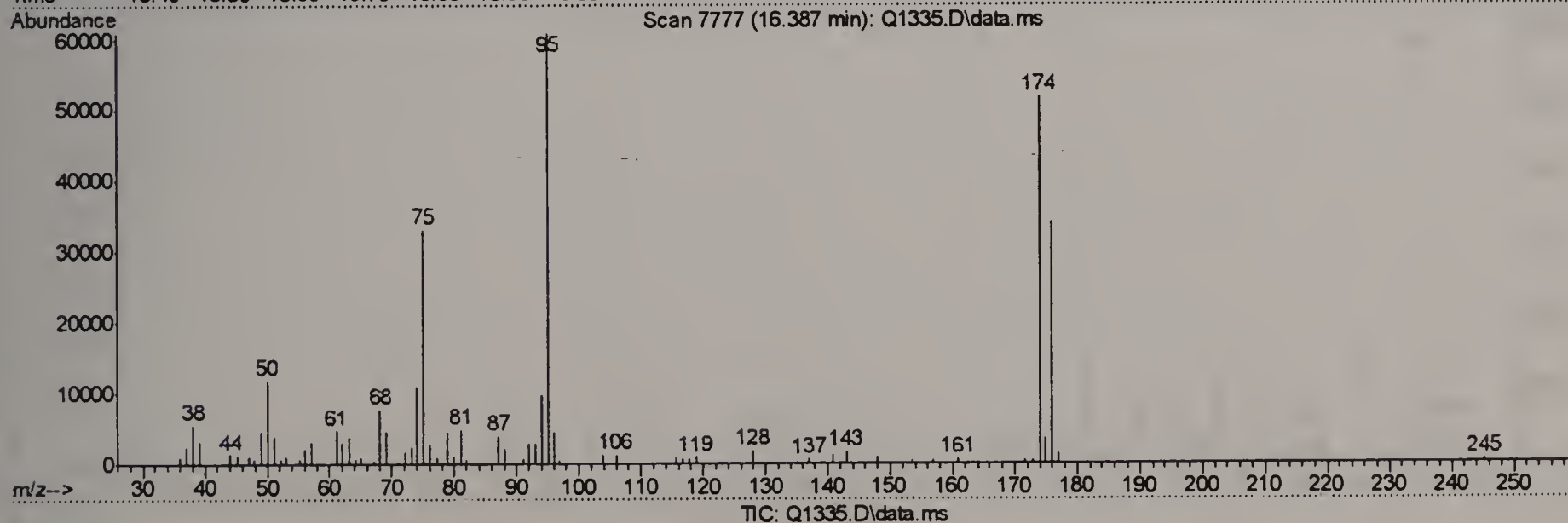
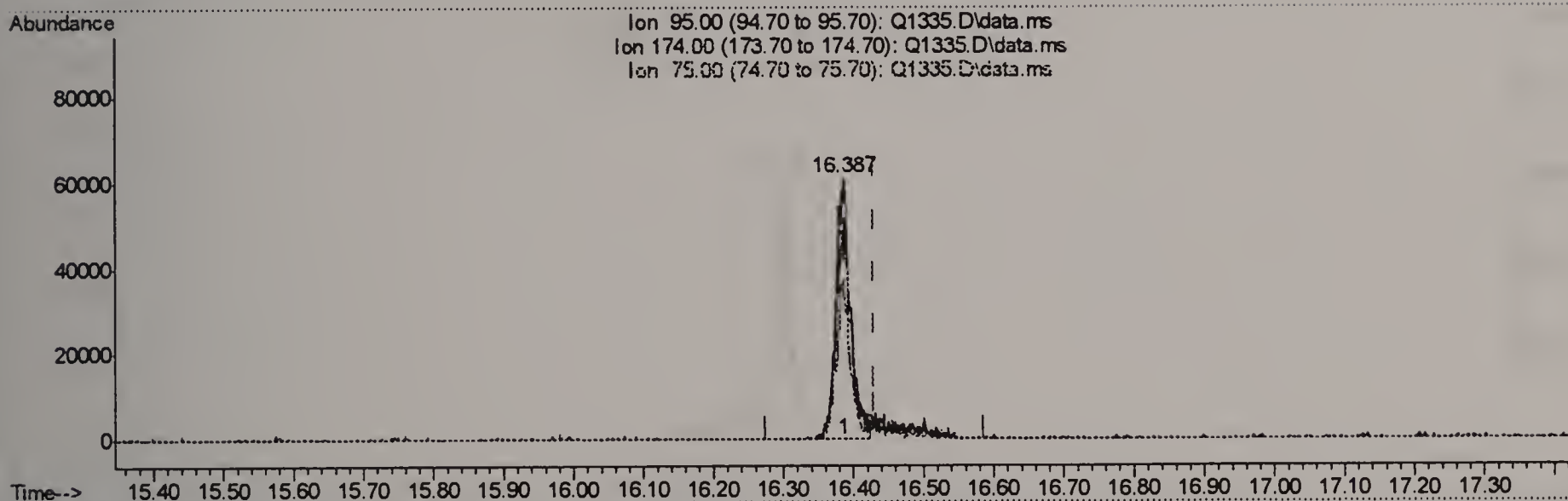
response 63930

Ion	Exp%	Act%
101.00	100	100
103.00	64.30	62.50
105.00	10.40	5.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:12:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.387min (-0.043) 2.94PPBV

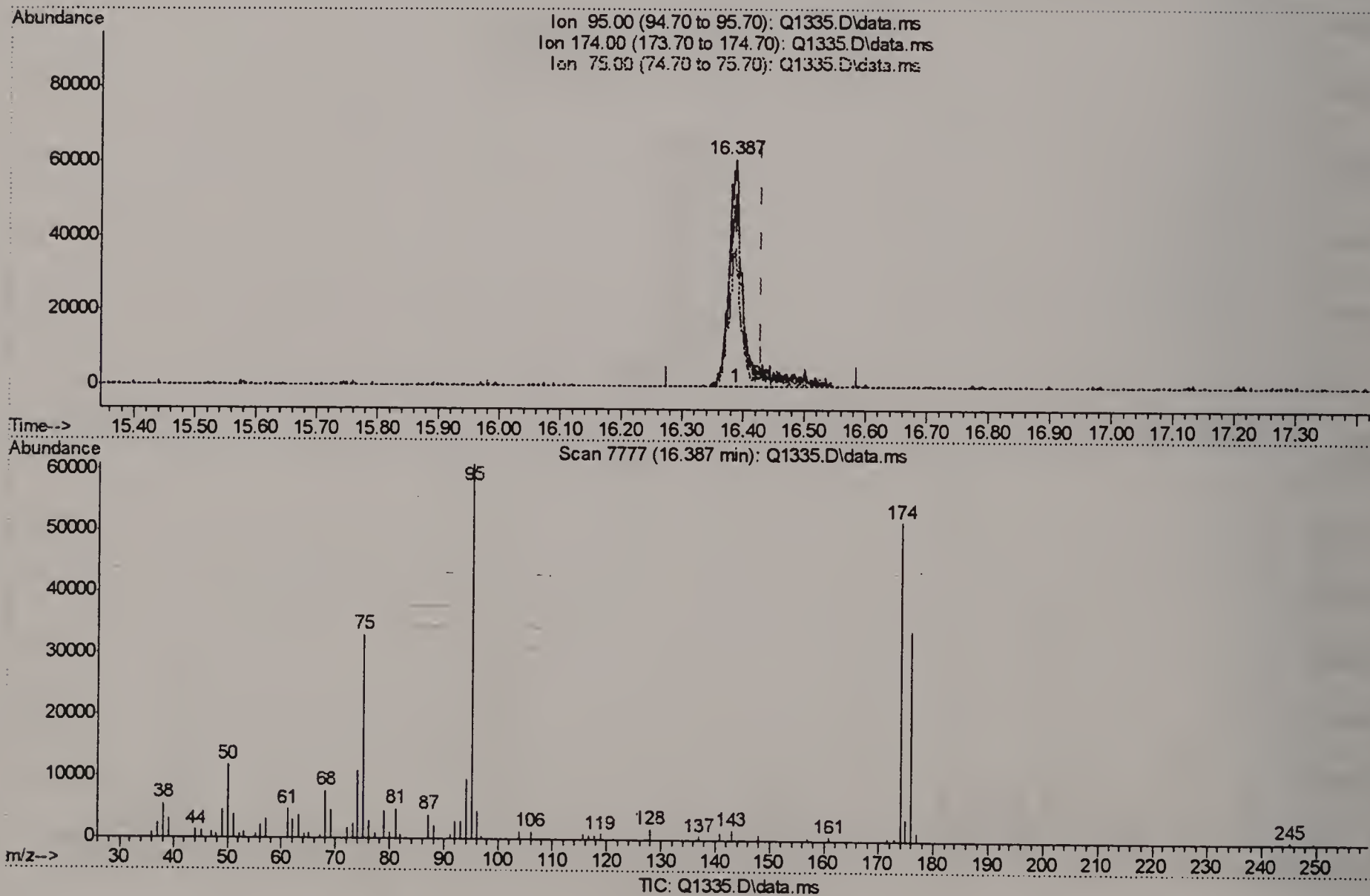
response 92746

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	84.44
75.00	52.30	58.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:12:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.387min (-0.043) 3.49PPBV m

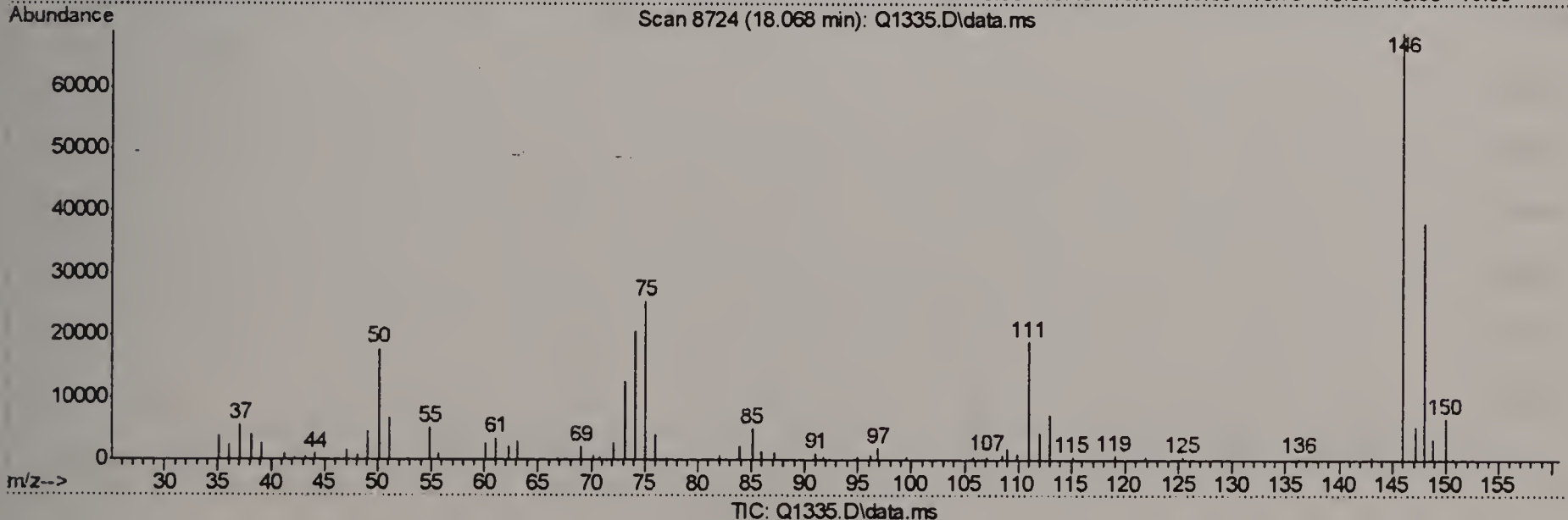
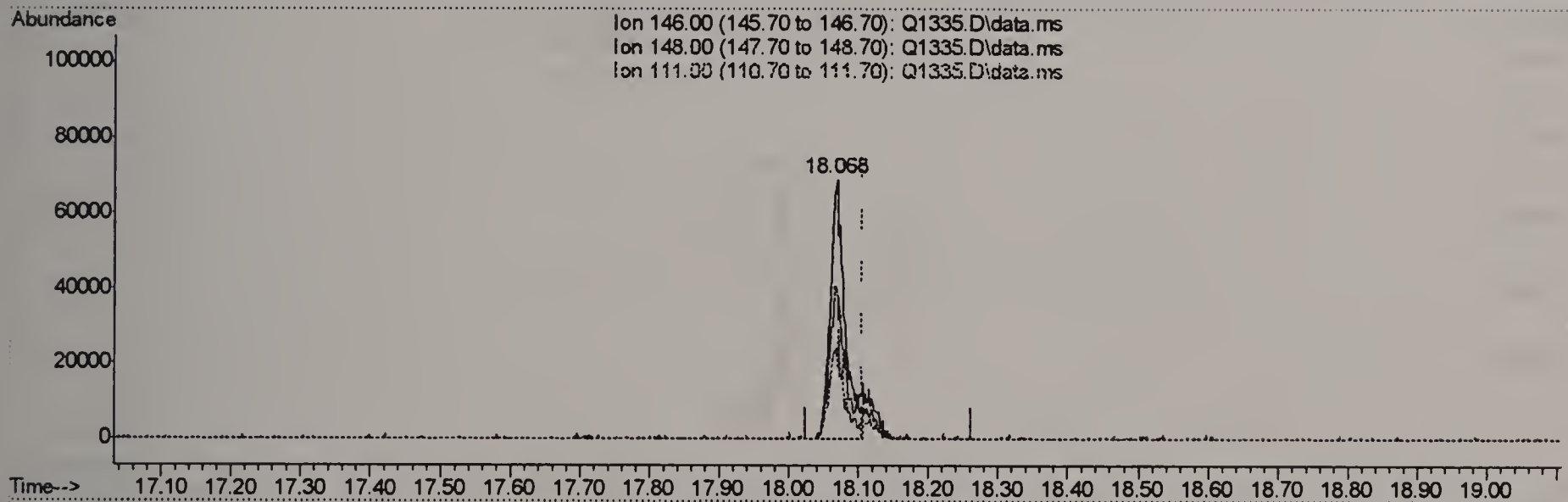
response 110349

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	70.97
75.00	52.30	48.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:12:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 2.88PPBV

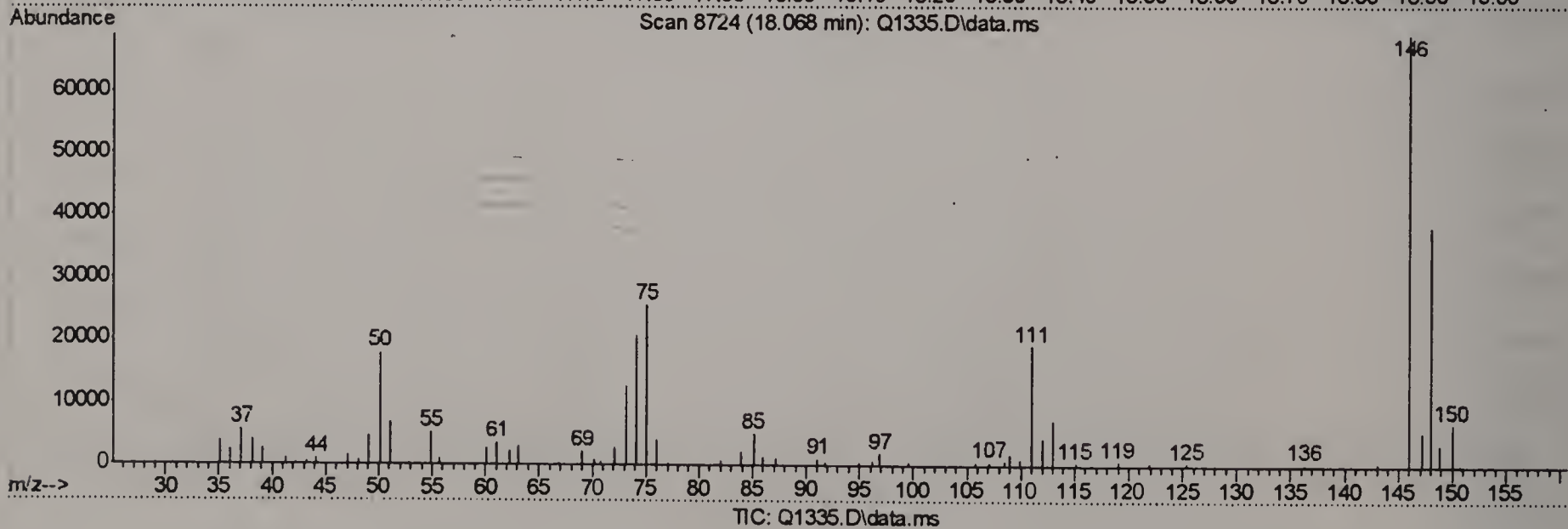
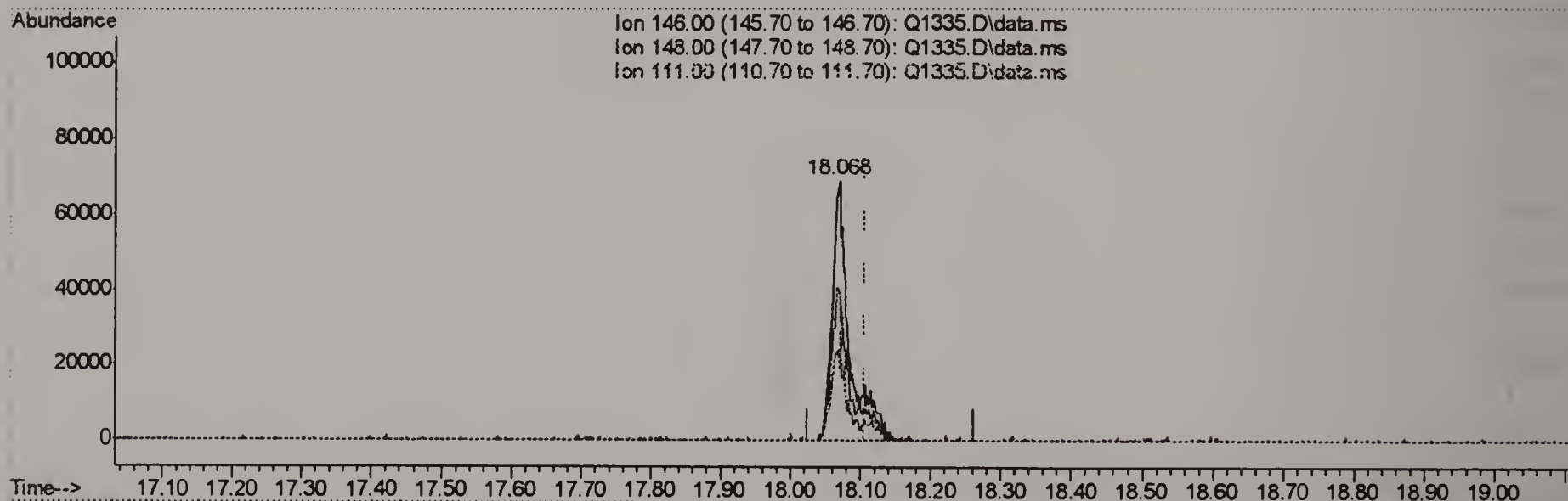
response 108211

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	56.45
111.00	42.40	37.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1335.D
 Acq On : 8 Aug 2006 7:12 pm
 Operator : PhilipB
 Sample : M58073-3 (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:12:09 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 3.27PPBV m

response 123045

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	49.64
111.00	42.40	32.54
0.00	0.00	0.00

Initial Calibration Data

70 - 15
(Test)

Initial Calibration Summary

Page 1 of 2

Job Number: M58073

Sample: MSQ68-ICC68

Account: GEI GEI Consultants, Inc.

Lab FileID: Q1309.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Aug 08 10:00:19 2006
Response via : Initial Calibration

Calibration Files

.2 =Q1310.D .5 =Q1308.D 2 =Q1307.D
5 =Q1306.D 10 =Q1309.D 20 =Q1311.D

Compound	.2	.5	2	5	10	20	Avg	%RSD
-----ISTD-----								
1) I BROMOCHLOROMETHANE								
2) m DICHLORODIFLUOROMET		5.093	5.081	4.258	3.320	3.206	4.192	21.80
3) m PROPYLENE		0.763	0.816	0.718	0.552	0.498	0.669	20.52
4) m FREON 114		4.511	4.718	4.019	3.293	3.345	3.977	16.40
5) m CHLOROMETHANE	1.485	1.065	1.099	0.919	0.721		1.058	26.62
6) m VINYL CHLORIDE	1.470	1.233	1.283	1.104	0.873	0.816	1.130	22.21
7) m 1,3-BUTADIENE		1.084	1.179	1.022	0.832	0.801	0.984	16.55
8) m BROMOMETHANE		1.300	1.344	1.146	0.923	0.862	1.115	19.50
9) m CHLOROETHANE	0.679	0.516	0.556	0.483	0.411	0.390	0.506	20.84
10) m TRICHLOROFLUOROMETH		5.737	5.792	4.945	4.216	4.277	4.994	15.22
11) m ISOPROPYL ALCOHOL	1.598	1.378	1.312	1.484	1.153	0.297	1.204	38.98
----- Quadratic regression ----- Coefficient = 0.9933								
Response Ratio = -0.04453 + 2.01763 *A + -0.84772 *A^2								
12) m ACETONE		1.950	1.777	1.794	1.497	1.536	1.711	11.12
13) m PENTANE		1.215	1.280	1.108	0.912	0.877	1.078	16.60
14) m 1,1-DICHLOROETHYLEN	1.339	1.095	1.149	1.011	0.841	0.822	1.043	18.81
15) m CARBON DISULFIDE		3.188	3.495	2.955	2.501	2.526	2.933	14.60
16) m ETHANOL		0.463	0.369	0.401	0.309	0.289	0.366	19.27
17) m BROMOETHENE		0.954	1.074	0.947	0.777	0.771	0.905	14.29
18) m METHYLENE CHLORIDE	2.244	1.303	1.137	0.930	0.783	0.773	1.195	46.35
----- Linear regression (equal Weighting) ----- Coefficient = 0.9978								
Response Ratio = 0.05137 + 0.74881 *A								
19) m 3-CHLOROPROPENE		1.503	1.669	1.494	1.298	1.354	1.464	9.89
20) m FREON 113		2.521	2.892	2.624	2.282	2.535	2.571	8.54
21) m TRANS-1,2-DICHLOROE	1.278	1.107	1.264	1.055	0.903	0.931	1.090	14.67
22) m TERTIARY BUTYL ALCO	2.132	1.866	1.774	2.040	0.920		1.746	27.65
23) m METHYL TERTIARY BUT		2.714	2.607	2.842	2.585	2.858	2.721	4.69
24) m TETRAHYDROFURAN		0.586	0.560	0.678	0.624	0.680	0.626	8.59
25) m HEXANE		1.928	1.936	1.679	1.536	1.633	1.743	10.38
26) m VINYL ACETATE		2.526	2.591	2.824	2.646	2.884	2.694	5.70
27) m 1,1-DICHLOROETHANE	2.746	2.309	2.708	2.426	2.072	2.143	2.401	11.75
28) m METHYL ETHYL KETONE		2.417	2.151	2.217	1.954	2.126	2.173	7.71
29) m cis-1,2-DICHLOROETH	1.437	1.196	1.325	1.203	1.071	1.147	1.230	10.67
30) m ETHYL ACETATE		4.074	3.881	3.757	3.428	3.766	3.781	6.22
31) m CHLOROFORM	2.287	3.454	3.805	3.268	2.938	3.056	3.134	16.47
32) m 1,1,1-TRICHLOROETHA	2.248	1.765	2.365	2.049	1.906	2.119	2.075	10.60
33) m CARBON TETRACHLORID	2.733	2.062	2.578	2.276	2.198	2.524	2.395	10.70
34) m 1,2-DICHLOROETHANE	1.216	1.136	1.308	1.206	1.129	1.218	1.202	5.45
-----ISTD-----								
35) I 1,4-DIFLUOROBENZENE								
36) m BENZENE		0.721	0.920	0.925	0.829	0.880	0.855	9.86
37) m CYCLOHEXANE		0.467	0.426	0.386	0.338	0.349	0.393	13.66
38) m TRICHLOROETHYLENE	0.351	0.423	0.444	0.458	0.395	0.470	0.424	10.51
39) m 1,2-DICHLOROPROPANE		0.302	0.310	0.317	0.278	0.310	0.303	4.96

Initial Calibration Summary

Page 2 of 2

Job Number: M58073
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

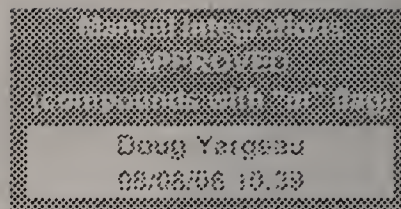
Sample: MSQ68-ICC68
Lab FileID: Q1309.D

40)	m	BROMODICHLOROMETHAN		0.591	0.685	0.687	0.595	0.691	0.650	7.96
41)	m	2,2,4-TRIMETHYLPENT		1.372	1.772	1.658	1.454	1.582	1.568	10.16
42)	m	1,4-DIOXANE		0.123	0.104	0.149	0.127	0.145	0.129	14.09
43)	m	HEPTANE		0.432	0.542	0.558	0.506	0.563	0.520	10.39
44)	m	METHYL ISOBUTYL KET		0.515	0.553	0.691	0.592	0.661	0.602	12.16
45)	m	cis-1,3-DICHLOROPRO		0.320	0.362	0.440	0.389	0.477	0.398	15.63
46)	m	TOLUENE		0.323	0.463	0.530	0.481	0.585	0.476	20.59
47)	m	trans-1,3-DICHLOROP		0.194	0.214	0.305	0.283	0.343	0.268	23.33
48)	m	1,1,2-TRICHLOROETHA	0.209	0.263	0.259	0.275	0.237	0.274	0.253	10.07
49)	I	CHLOROBENZENE-D5		-----ISTD-----						
50)	m	2-HEXANONE		0.553	0.580	0.788	0.682	0.590	0.639	15.13
51)	m	TETRACHLOROETHYLENE	0.447	0.479	0.500	0.506	0.511	0.706	0.525	17.51
52)	m	DIBROMOCHLOROMETHAN		0.616	0.649	0.662	0.611	0.741	0.656	7.93
53)	m	1,2-DIBROMOETHANE		0.514	0.512	0.572	0.500	0.609	0.542	8.70
54)	m	CHLOROBENZENE		0.813	0.808	0.812	0.716	0.827	0.795	5.62
55)	m	ETHYLBENZENE		0.976	1.263	1.486	1.437	1.695	1.371	19.64
56)	m	m,p-XYLENE		0.392	0.493	0.552	0.514	0.608	0.512	15.63
57)	m	o-XYLENE		0.377	0.483	0.551	0.529	0.627	0.513	17.96
58)	m	STYRENE		0.369	0.473	0.643	0.649	0.805	0.588	28.92
59)	m	NONANE		0.835	1.174	1.217	1.122	1.314	1.132	15.92
60)	m	BROMOFORM		0.414	0.498	0.577	0.588	0.829	0.581	26.75
61)	S	4-BROMOFLUOROBENZEN	0.404	0.467	0.480	0.538	0.562	0.561	0.502	12.50
62)	m	1,1,2,2-TETRACHLORO	0.752	0.837	0.858	0.922	0.868	1.014	0.875	10.00
63)	m	ISOPROPYLBENZENE		1.204	1.492	1.685	1.653	2.015	1.610	18.39
64)	m	2-CHLOROTOLUENE		0.823	0.992	1.186	1.182	1.438	1.124	20.58
65)	m	4-ETHYLTOLUENE	0.499	0.583	0.908	1.221	1.245	1.580	1.006	41.65
----- Quadratic regression -----				Coefficient = 0.9994						
Response Ratio =				-0.01176 + 0.99330 *A + 0.29497 *A^2						
66)	m	1,3,5-TRIMETHYLBENZ		0.802	1.094	1.363	1.377	1.785	1.284	28.48
67)	m	1,2,4-TRIMETHYLBENZ	0.522	0.553	0.875	1.215	1.283	1.664	1.019	44.08
----- Quadratic regression -----				Coefficient = 0.9996						
Response Ratio =				-0.01412 + 0.97824 *A + 0.34521 *A^2						
68)	m	m-DICHLOROBENZENE		0.436	0.456	0.577	0.622	0.842	0.587	27.83
69)	m	BENZYL CHLORIDE	0.287	0.378	0.302	0.479	0.580	0.783	0.468	40.55
----- Quadratic regression -----				Coefficient = 0.9998						
Response Ratio =				-0.00710 + 0.38359 *A + 0.20152 *A^2						
70)	m	p-DICHLOROBENZENE		0.498	0.478	0.598	0.615	0.798	0.597	21.28
71)	m	o-DICHLOROBENZENE		0.478	0.454	0.613	0.627	0.807	0.596	23.69
72)	m	HEXACHLOROBUTADIENE		0.547	0.395	0.553	0.568	0.706	0.554	19.89
73)	m	1,2,4-TRICHLOROBENZ		0.130	0.097	0.152	0.152	0.188	0.144	23.09
74)	m	NAPHTHALENE						0.000		-1.00

(#) = Out of Range

Q080706T.m

Tue Aug 08 10:00:44 2006



Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:51 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.685	128	535678	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1241423	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	844819	10.00	PPBV	-0.05

System Monitoring Compounds
 61) 4-BROMOFLUOROBENZENE 16.384 95 227093 5.32 PPBV -0.05
 Spiked Amount 5.000 Range 57 - 139 Recovery = 106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	1140523	4.80	PPBV	98
3) PROPYLENE	3.973	41	192356	5.02	PPBV	89
4) FREON 114	4.312	85	1076461	4.86	PPBV	99
5) CHLOROMETHANE	4.212	50	246020	4.29	PPBV	97
6) VINYL CHLORIDE	4.440	62	295807	4.63	PPBV	98
7) 1,3-BUTADIENE	4.576	39	273646	4.96	PPBV	81
8) BROMOMETHANE	4.855	94	306929	4.86	PPBV	98
9) CHLOROETHANE	5.027	64	129389	4.50	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.820	101	1324547	4.78	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	397586	5.57	PPBV	86
12) ACETONE	5.623	43	480463	5.11	PPBV	91
13) PENTANE	6.177	42	296768	4.91	PPBV	86
14) 1,1-DICHLOROETHYLENE	6.461	96	270877	4.65	PPBV	93
15) CARBON DISULFIDE	6.899	76	791433	4.87	PPBV	90
16) ETHANOL	5.118	45	107284	5.20	PPBV	74
17) BROMOETHENE	5.398	106	253683	5.05	PPBV #	88
18) METHYLENE CHLORIDE	6.582	84	249100	3.64	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	400196	4.97	PPBV #	72
20) FREON 113	6.841	151	702736	5.09	PPBV #	80
21) TRANS-1,2-DICHLOROETHY...	7.514	96	282538	4.71	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.472	59	546486	6.18	PPBV	86
23) METHYL TERTIARY BUTYL ...	7.755	73	761312	5.29	PPBV	91
24) TETRAHYDROFURAN	9.194	42	181494	5.54	PPBV	83
25) HEXANE	8.717	57	449684	4.74	PPBV #	85
26) VINYL ACETATE	7.831	43	756299	5.36	PPBV	95
27) 1,1-DICHLOROETHANE	7.709	63	649705	4.94	PPBV	96
28) METHYL ETHYL KETONE	8.076	43	593911	5.07	PPBV	91
29) cis-1,2-DICHLOROETHYLENE	8.522	96	322226	4.81	PPBV #	89
30) ETHYL ACETATE	8.715	43	1006394	4.96	PPBV	99
31) CHLOROFORM	8.804	83	875228	5.19	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.760	97	548846	4.96	PPBV	98
33) CARBON TETRACHLORIDE	10.348	117	609657	4.80	PPBV	99
34) 1,2-DICHLOROETHANE	9.515	62	322910	4.98	PPBV	95
36) BENZENE	10.202	78	573857	5.45	PPBV	93
37) CYCLOHEXANE	10.469	84	239882	4.79	PPBV #	71
38) TRICHLOROETHYLENE	11.200	95	284555	5.51	PPBV	93
39) 1,2-DICHLOROPROPANE	10.978	63	196875	5.25	PPBV	89
40) BROMODICHLOROMETHANE	11.162	83	426460	5.37	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	1029084	5.30	PPBV	98
42) 1,4-DIOXANE	11.189	88	92642	5.63	PPBV #	82
43) HEPTANE	11.461	43	346446	5.48	PPBV	89

Data Path : C:\msdchem\1\DATA\
Data File : Q1306.D
Acq On : 7 Aug 2006 1:05 pm
Operator : PhilipB
Sample : IC68-5 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:51 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:06:23 2006
Response via : Initial Calibration

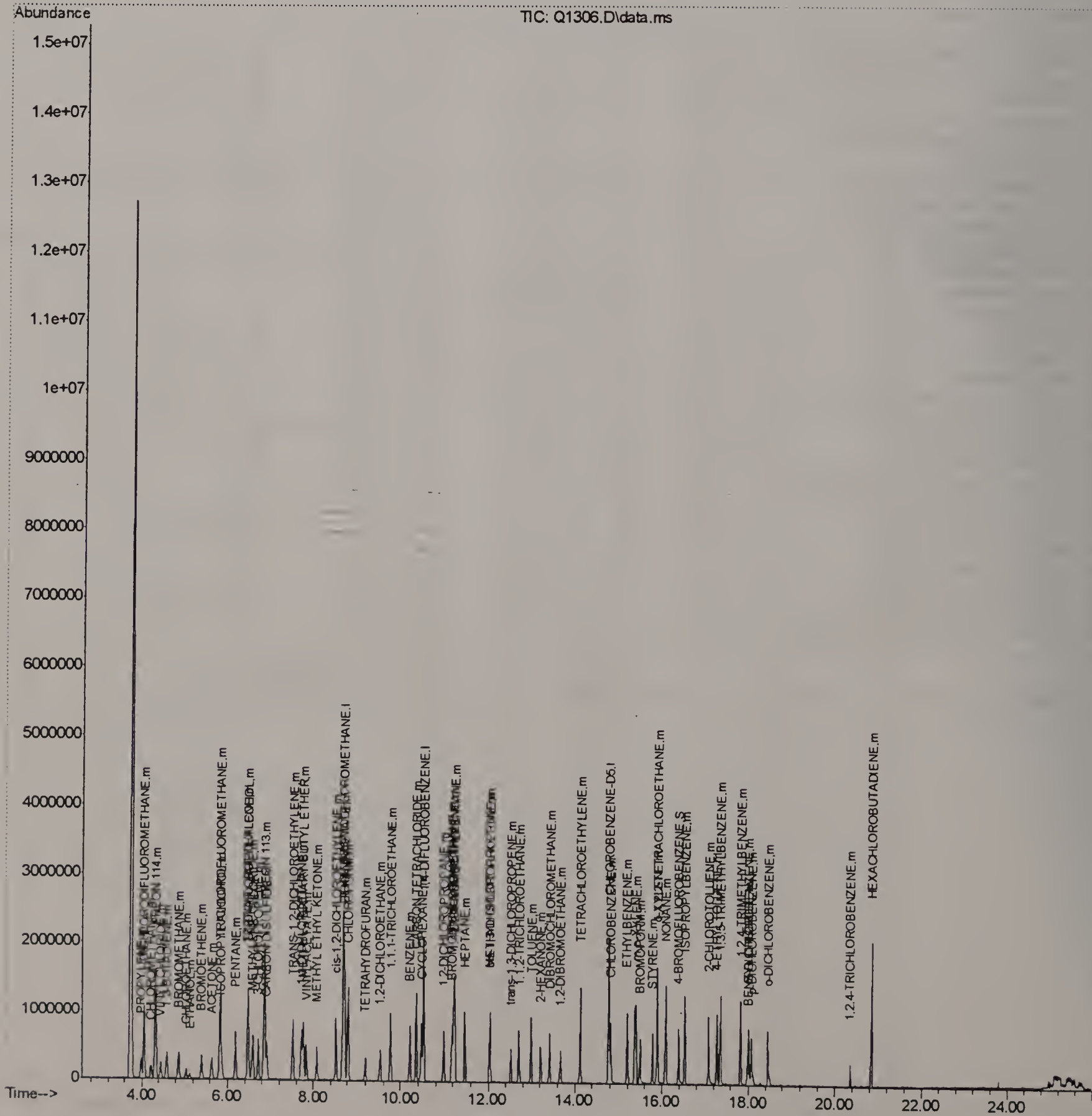
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.034	43	429062	5.88	PPBV	97
45) cis-1,3-DICHLOROPROPENE	12.018	75	273357	5.82	PPBV	93
46) TOLUENE	12.982	92	328839	5.90	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.517	75	189193	6.12	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.705	83	170815	5.52	PPBV	96
50) 2-HEXANONE	13.203	43	332778	6.03	PPBV	97
51) TETRACHLOROETHYLENE	14.119	164	213622	5.18	PPBV	94
52) DIBROMOCHLOROMETHANE	13.408	129	279555	5.21	PPBV	99
53) 1,2-DIBROMOETHANE	13.658	107	241721	5.45	PPBV	100
54) CHLOROBENZENE	14.810	112	342801	5.16	PPBV	94
55) ETHYLBENZENE	15.188	91	627568	5.76	PPBV	99
56) m,p-XYLENE	15.385	106	466201m	11.29	PPBV	
57) o-XYLENE	15.883	106	232620	5.60	PPBV	99
58) STYRENE	15.764	104	271769	5.96	PPBV	96
59) NONANE	16.084	43	513931	5.55	PPBV	90
60) BROMOFORM	15.480	173	243750	4.94	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	389441	5.28	PPBV	96
63) ISOPROPYLBENZENE	16.526	105	711679	5.58	PPBV	96
64) 2-CHLOROTOLUENE	17.078	91	500832	5.90	PPBV	97
65) 4-ETHYLTOLUENE	17.264	105	515610	6.10	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.346	105	575603	5.76	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	513287	6.04	PPBV	97
68) m-DICHLOROBENZENE	17.990	146	243586	5.44	PPBV	99
69) BENZYL CHLORIDE	17.972	91	202244	5.26	PPBV	98
70) p-DICHLOROBENZENE	18.066	146	252557	5.48	PPBV	84
71) o-DICHLOROBENZENE	18.453	146	259147	5.65	PPBV	97
72) HEXACHLOROBUTADIENE	20.842	225	233773	5.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.356	180	64373	5.71	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path : C:\msdchem\1\DATA\  
Data File : Q1306.D  
Acq On    : 7 Aug 2006    1:05 pm  
Operator   : PhilipB  
Sample     : IC68-5 (M140)  
Misc       : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
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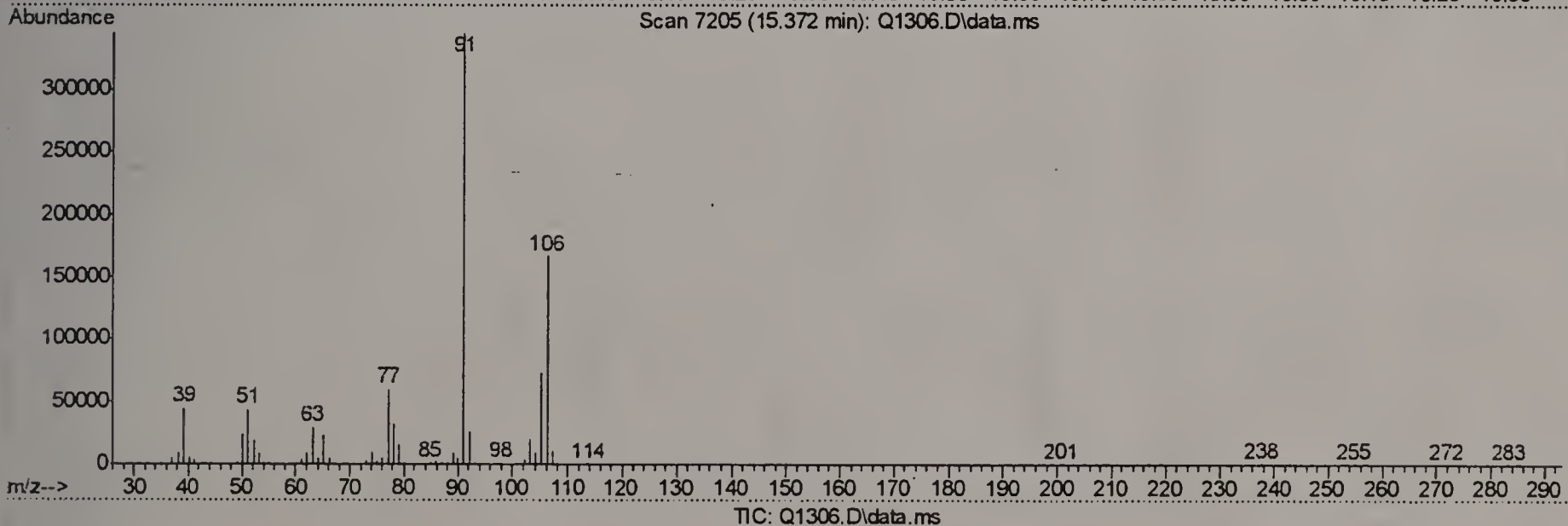
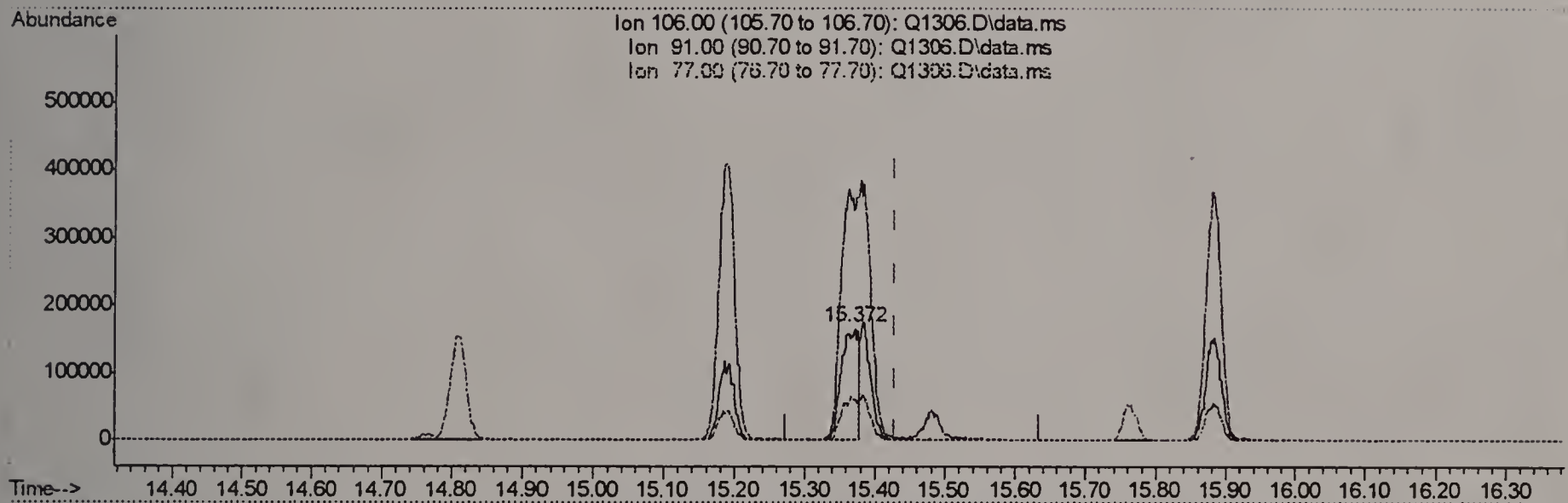
Quant Time: Aug 07 18:43:51 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:06:23 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.372min (-0.057) 6.67PPBV

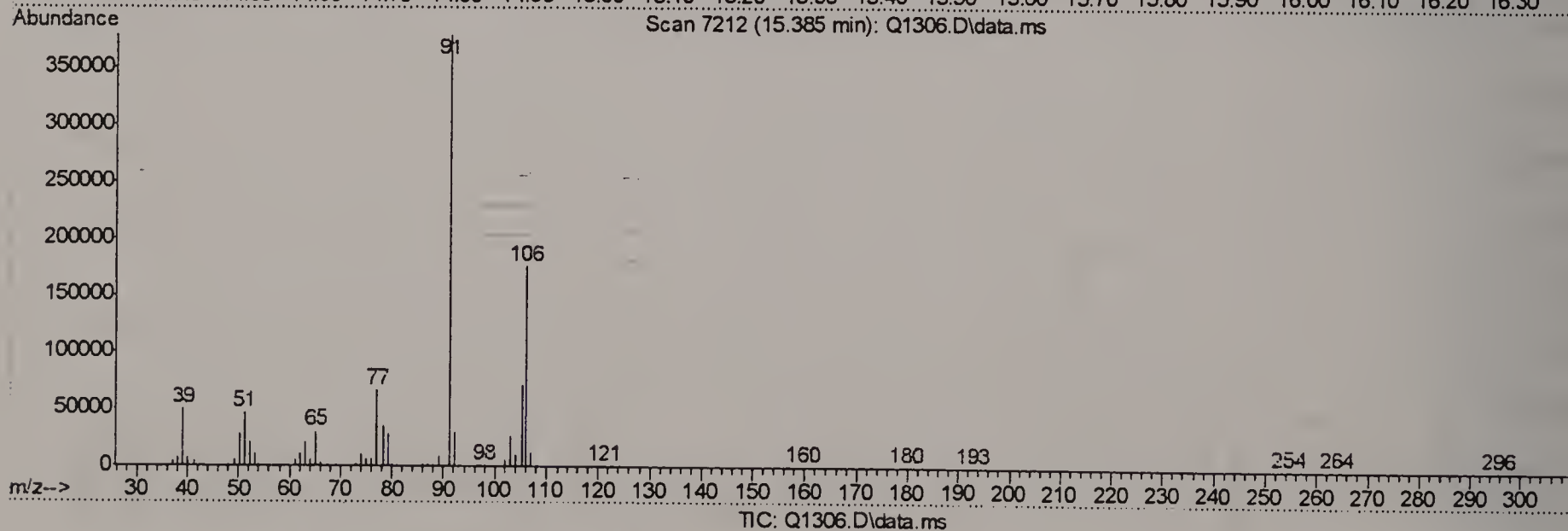
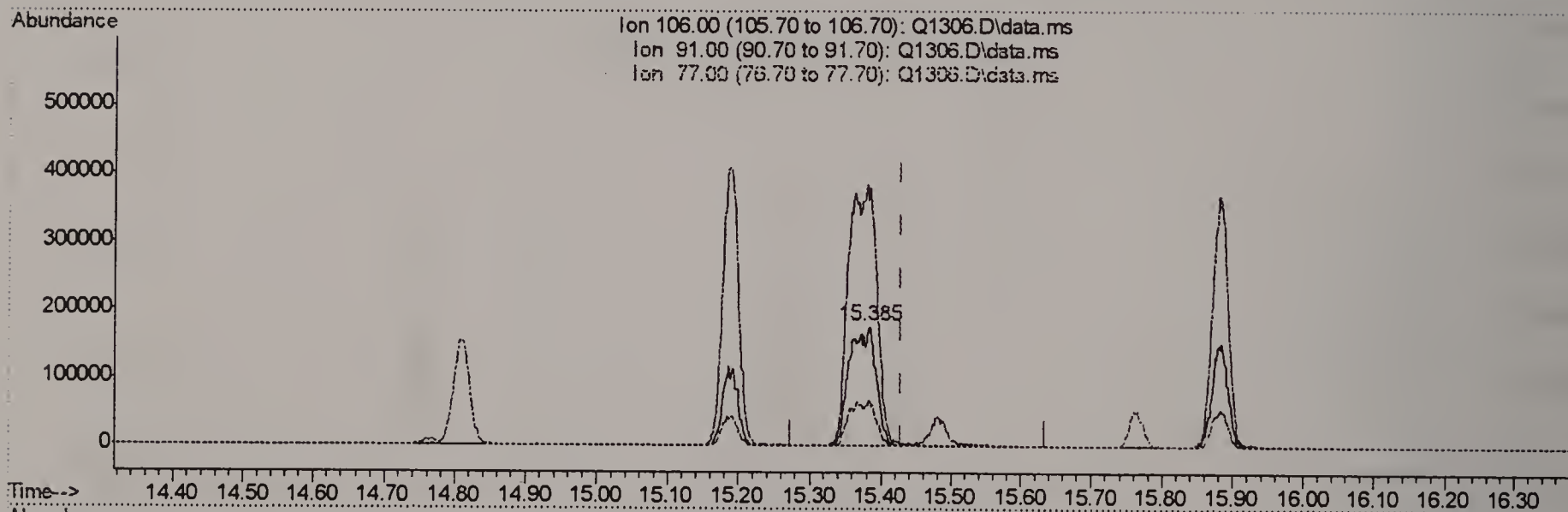
response 275213

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	206.90
77.00	31.80	35.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration



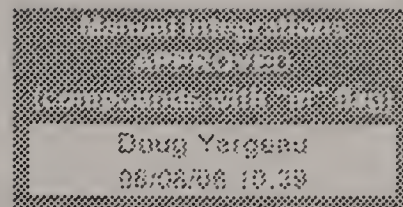
(56) m,p-XYLENE (m)

15.385min (-0.044) 11.29PPBV m

response 466201

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	214.61
77.00	31.80	37.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:22 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.680	128	466770	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1135344	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	738300	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.382	95	177124	4.75	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	95.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	474366	2.29	PPBV	99
3) PROPYLENE	3.969	41	76165	2.28	PPBV	91
4) FREON 114	4.307	85	440437	2.28	PPBV	97
5) CHLOROMETHANE	4.213	50	102590	2.05	PPBV	91
6) VINYL CHLORIDE	4.440	62	119815	2.15	PPBV	93
7) 1,3-BUTADIENE	4.575	39	110082	2.29	PPBV #	63
8) BROMOMETHANE	4.851	94	125479	2.28	PPBV	98
9) CHLOROETHANE	5.025	64	51881	2.07	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.822	101	540708	2.24	PPBV	99
11) ISOPROPYL ALCOHOL	5.859	45	122438	1.97	PPBV	80
12) ACETONE	5.623	43	165921	2.03	PPBV	84
13) PENTANE	6.183	42	119459	2.27	PPBV	84
14) 1,1-DICHLOROETHYLENE	6.466	96	107227	2.11	PPBV	92
15) CARBON DISULFIDE	6.896	76	326238	2.30	PPBV	90
16) ETHANOL	5.118	45	34473	1.92	PPBV	77
17) BROMOETHENE	5.393	106	100258	2.29	PPBV #	89
18) METHYLENE CHLORIDE	6.573	84	106160	1.78	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	155792	2.22	PPBV #	69
20) FREON 113	6.843	151	269957	2.24	PPBV	88
21) TRANS-1,2-DICHLOROETHY...	7.510	96	117974	2.26	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.465	59	165592	2.15	PPBV	79
23) METHYL TERTIARY BUTYL ...	7.757	73	243346	1.94	PPBV	83
24) TETRAHYDROFURAN	9.198	42	52265	1.83	PPBV	78
25) HEXANE	8.715	57	180756	2.19	PPBV #	81
26) VINYL ACETATE	7.831	43	241834	1.97	PPBV	88
27) 1,1-DICHLOROETHANE	7.714	63	252834	2.21	PPBV	94
28) METHYL ETHYL KETONE	8.080	43	200812	1.97	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.520	96	123708	2.12	PPBV	94
30) ETHYL ACETATE	8.712	43	362349	2.05	PPBV #	96
31) CHLOROFORM	8.800	83	355202	2.42	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.760	97	220828	2.29	PPBV	99
33) CARBON TETRACHLORIDE	10.346	117	240711	2.18	PPBV	100
34) 1,2-DICHLOROETHANE	9.519	62	122129	2.16	PPBV	97
36) BENZENE	10.206	78	208841	2.17	PPBV	92
37) CYCLOHEXANE	10.470	84	96684	2.11	PPBV #	69
38) TRICHLOROETHYLENE	11.205	95	100867	2.13	PPBV	92
39) 1,2-DICHLOROPROPANE	10.983	63	70423	2.06	PPBV	88
40) BROMODICHLOROMETHANE	11.166	83	155554	2.14	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	402474	2.27	PPBV	99
42) 1,4-DIOXANE	11.194	88	23522	1.56	PPBV #	66
43) HEPTANE	11.459	43	123005	2.13	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1307.D
Acq On : 7 Aug 2006 2:44 pm
Operator : PhilipB
Sample : IC68-2 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:22 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:44:01 2006
Response via : Initial Calibration

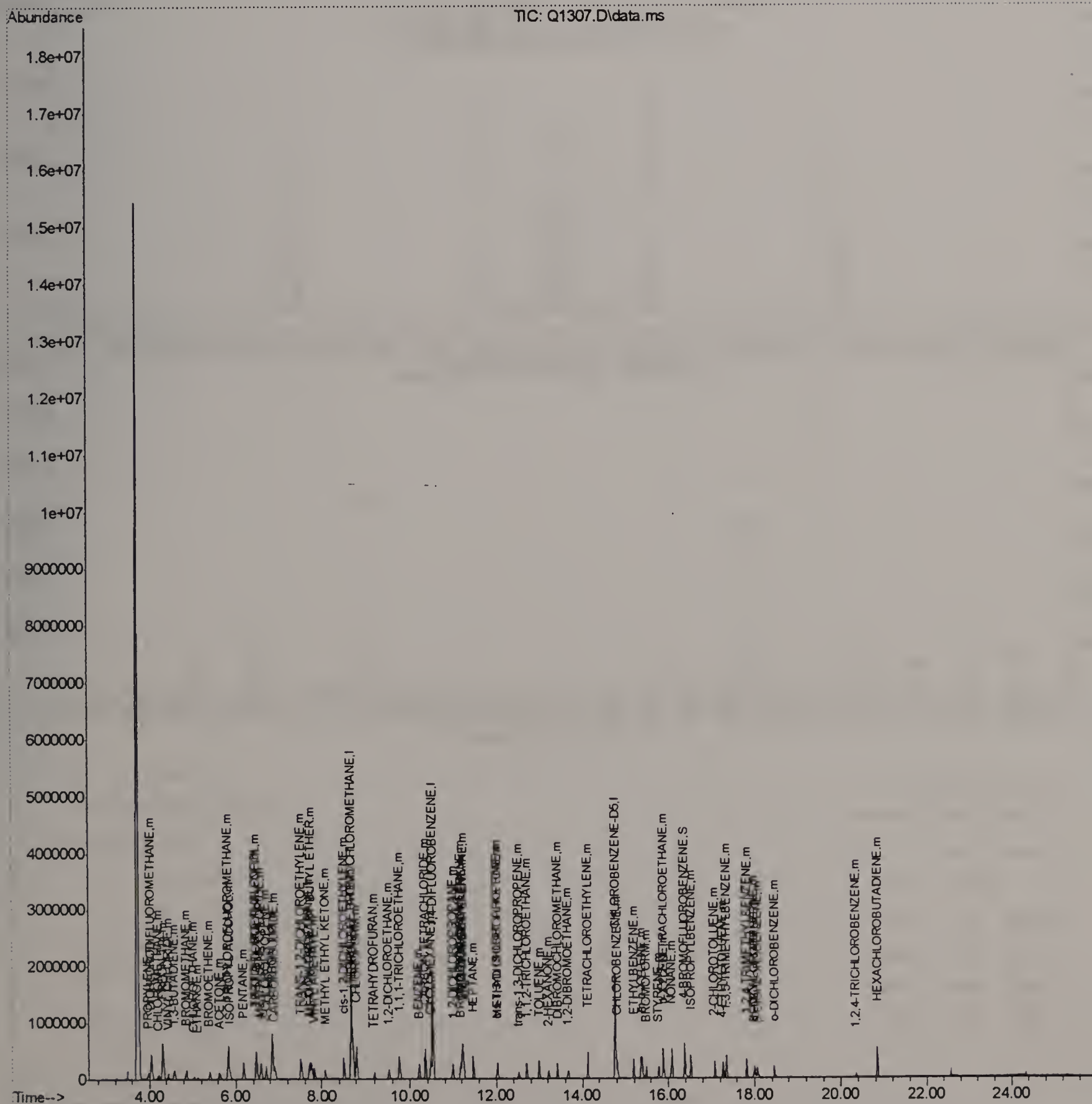
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.037	43	125620	1.88	PPBV	95
45) cis-1,3-DICHLOROPROPENE	12.016	75	82277	1.92	PPBV	94
46) TOLUENE	12.983	92	105059	2.06	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.524	75	48685	1.72	PPBV	93
48) 1,1,2-TRICHLOROETHANE	12.701	83	58725	2.07	PPBV	96
50) 2-HEXANONE	13.202	43	85578	1.77	PPBV	93
51) TETRACHLOROETHYLENE	14.116	164	73823	2.05	PPBV	93
52) DIBROMOCHLOROMETHANE	13.408	129	95877	2.05	PPBV	99
53) 1,2-DIBROMOETHANE	13.658	107	75595	1.95	PPBV	100
54) CHLOROBENZENE	14.810	112	119301	2.05	PPBV	97
55) ETHYLBENZENE	15.189	91	186514	1.96	PPBV	98
56) m,p-XYLENE	15.360	106	145470m	4.03	PPBV	
57) o-XYLENE	15.880	106	71289	1.96	PPBV	99
58) STYRENE	15.757	104	69781	1.75	PPBV	96
59) NONANE	16.079	43	173425	2.14	PPBV	89
60) BROMOFORM	15.482	173	73545	1.75	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	126735	1.97	PPBV	95
63) ISOPROPYLBENZENE	16.524	105	220351	1.98	PPBV	95
64) 2-CHLOROTOLUENE	17.074	91	146437	1.97	PPBV	98
65) 4-ETHYLTOLUENE	17.261	105	134067	1.82	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.344	105	161525	1.85	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	129167	1.74	PPBV	97
68) m-DICHLOROBENZENE	17.997	146	67369m	1.74	PPBV	
69) BENZYL CHLORIDE	17.976	91	44603m	1.38	PPBV	
70) p-DICHLOROBENZENE	18.065	146	70621m	1.75	PPBV	
71) o-DICHLOROBENZENE	18.450	146	67024m	1.67	PPBV	
72) HEXACHLOROBUTADIENE	20.840	225	58326	1.53	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.352	180	14366	1.46	PPBV	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(OT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1307.D  
Acq On    : 7 Aug 2006    2:44 pm  
Operator   : PhilipB  
Sample     : IC68-2 (M140)  
Misc       : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
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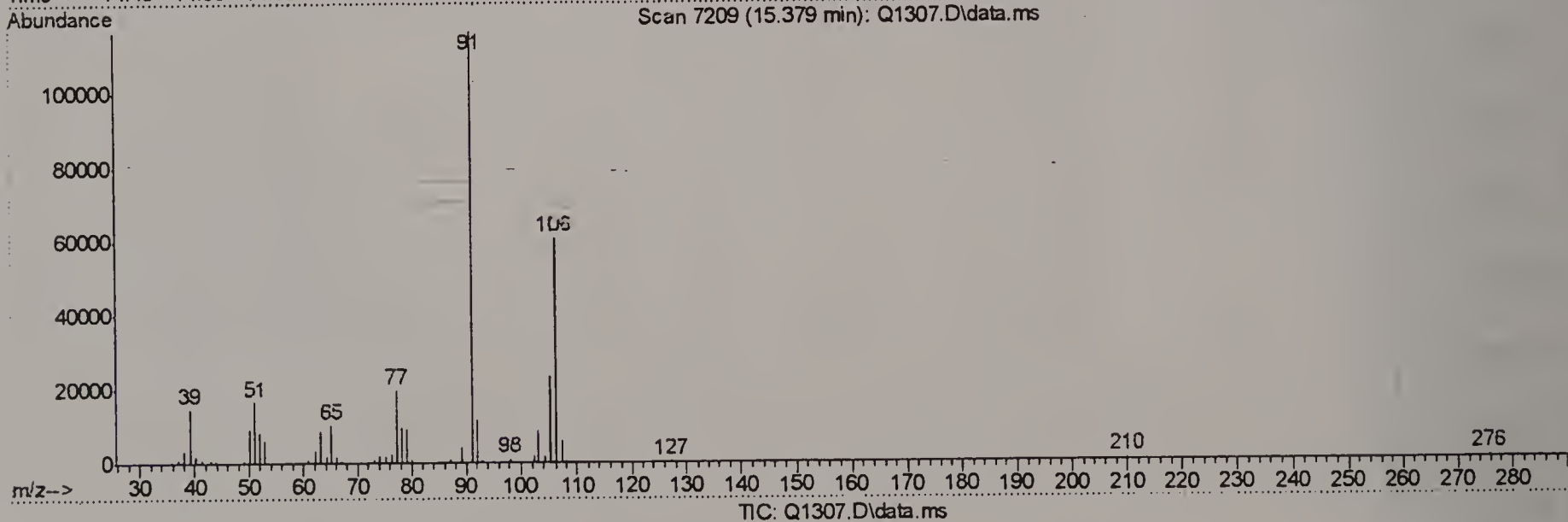
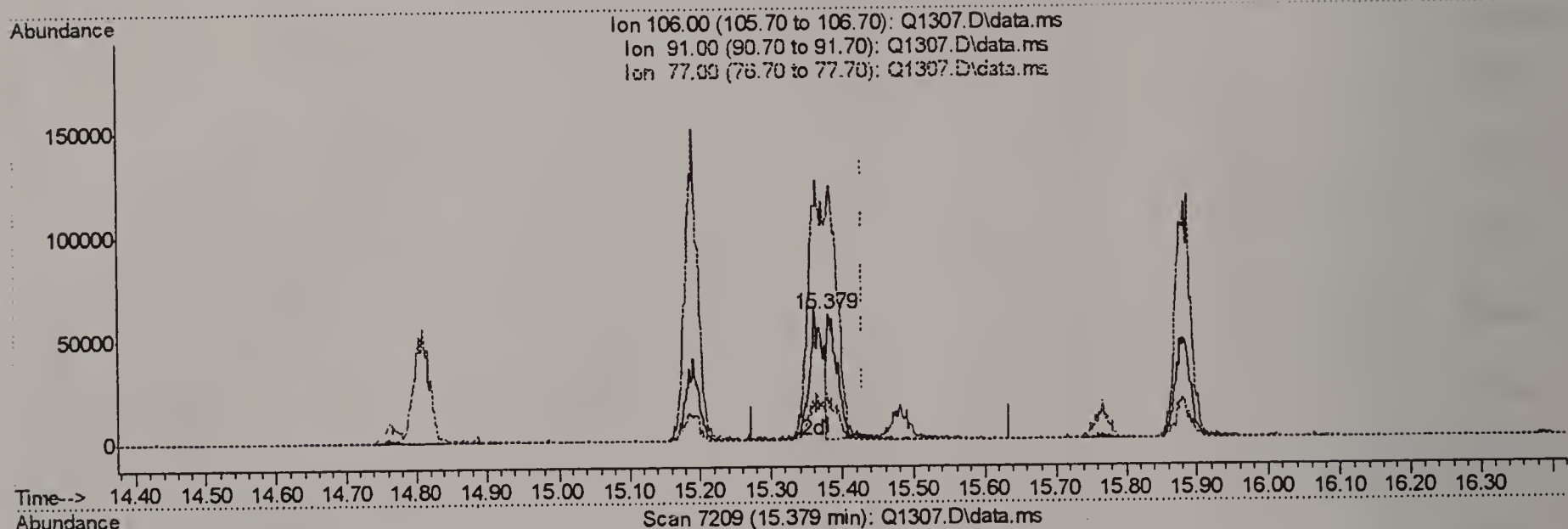
Quant Time: Aug 07 18:45:22 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:44:01 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.379min (-0.050) 1.66PPBV

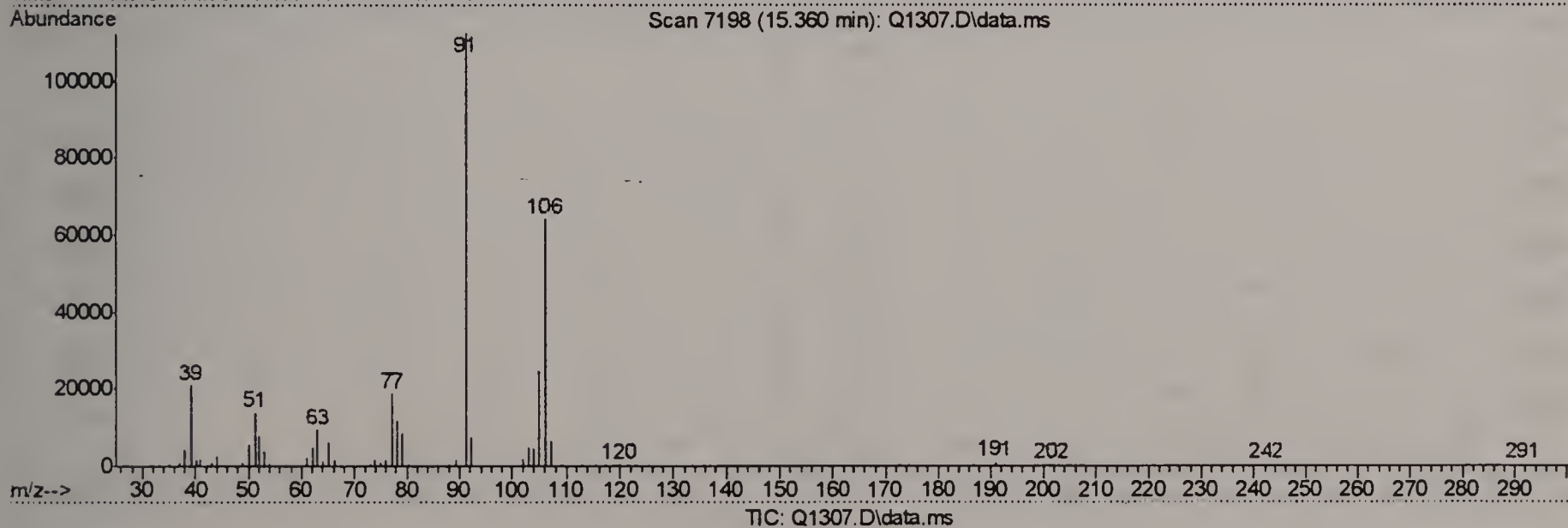
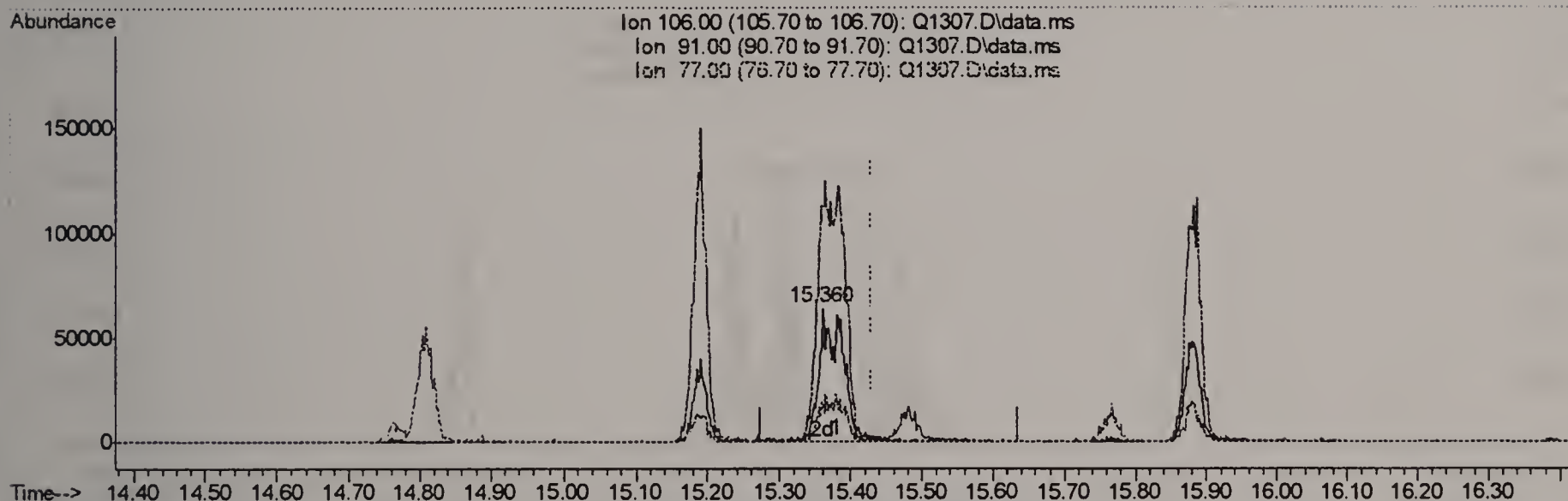
response 59940

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	192.32
77.00	31.80	32.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.360min (-0.069) 4.03PPBV m

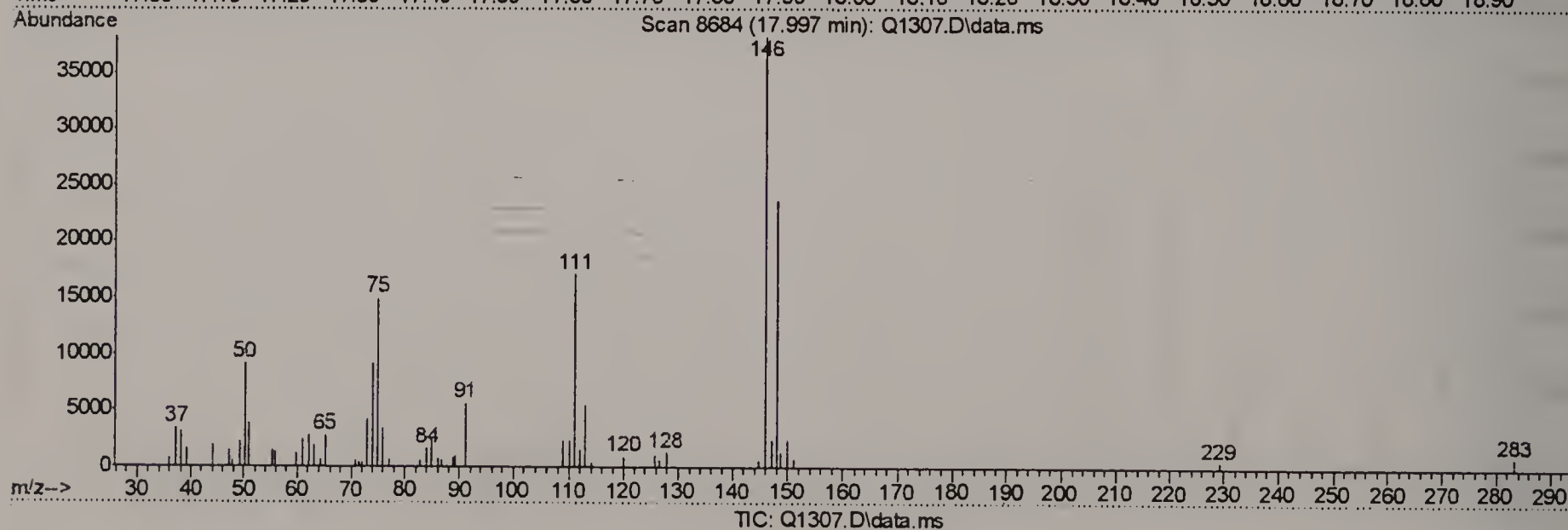
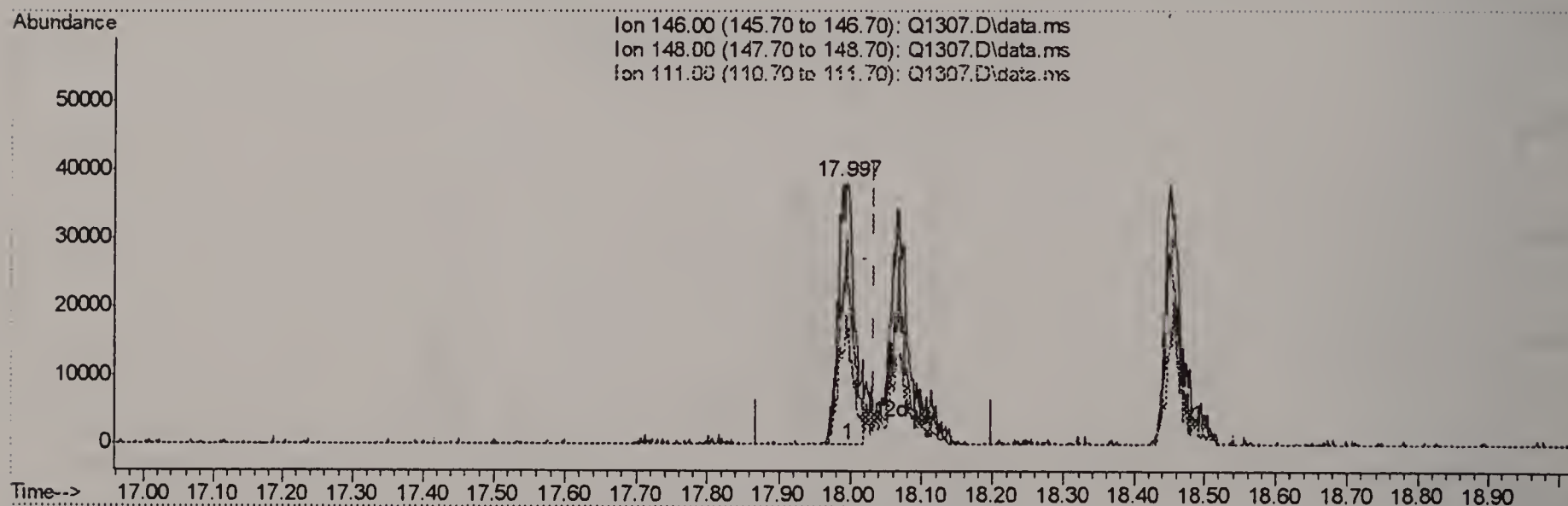
response 145470

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	174.91#
77.00	31.80	29.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.997min (-0.037) 1.60PPBV

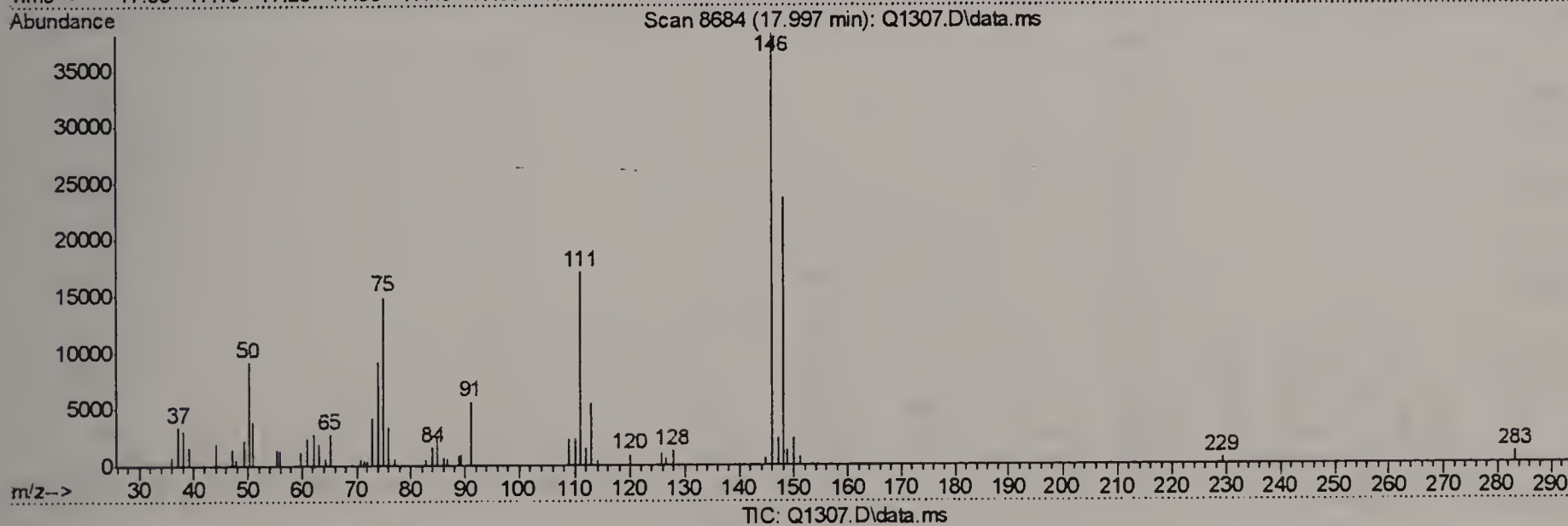
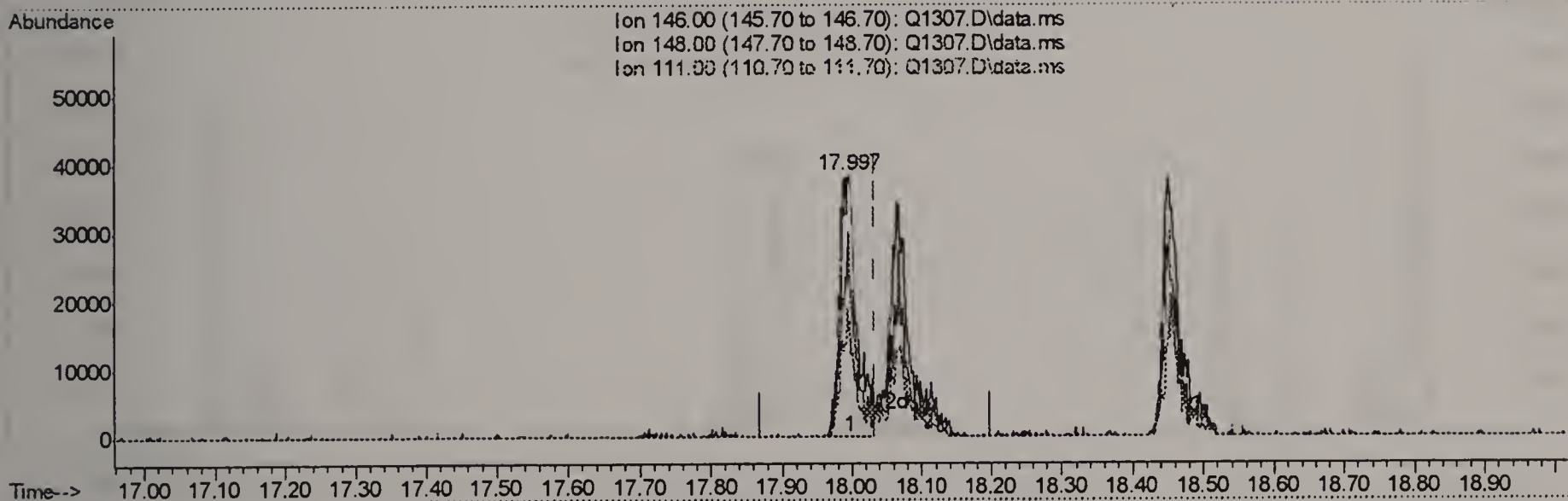
response 61851

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	70.85
111.00	44.00	41.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.997min (-0.037) 1.74PPBV m

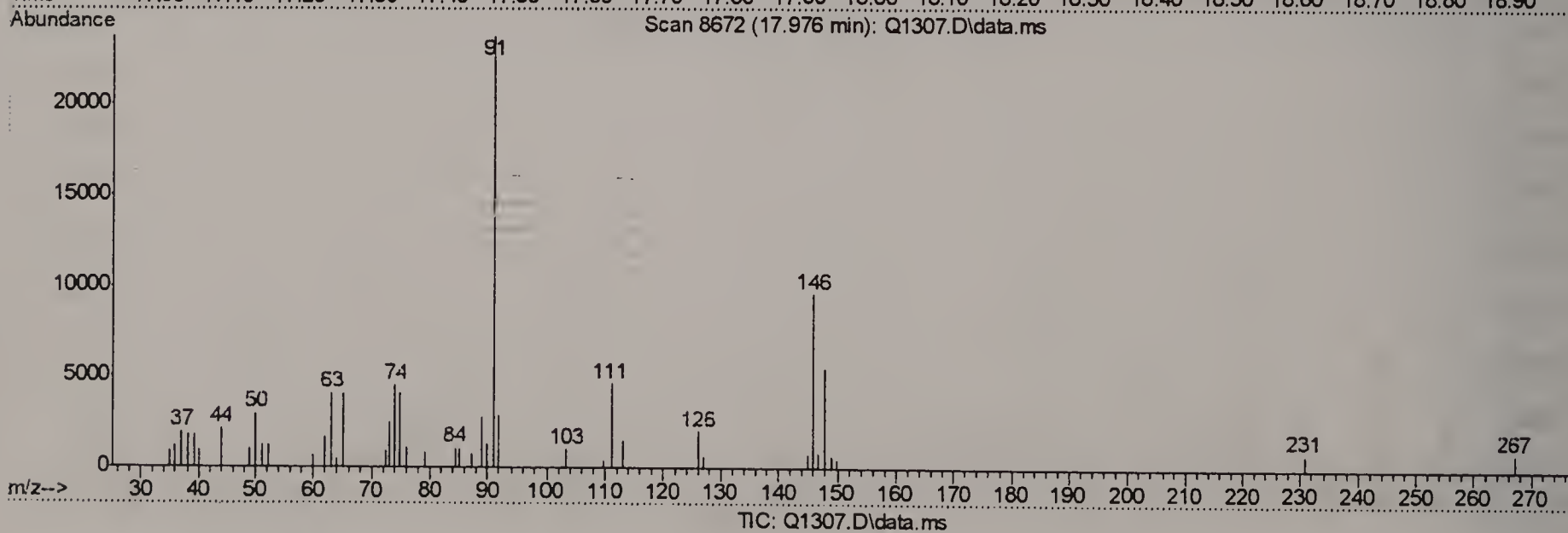
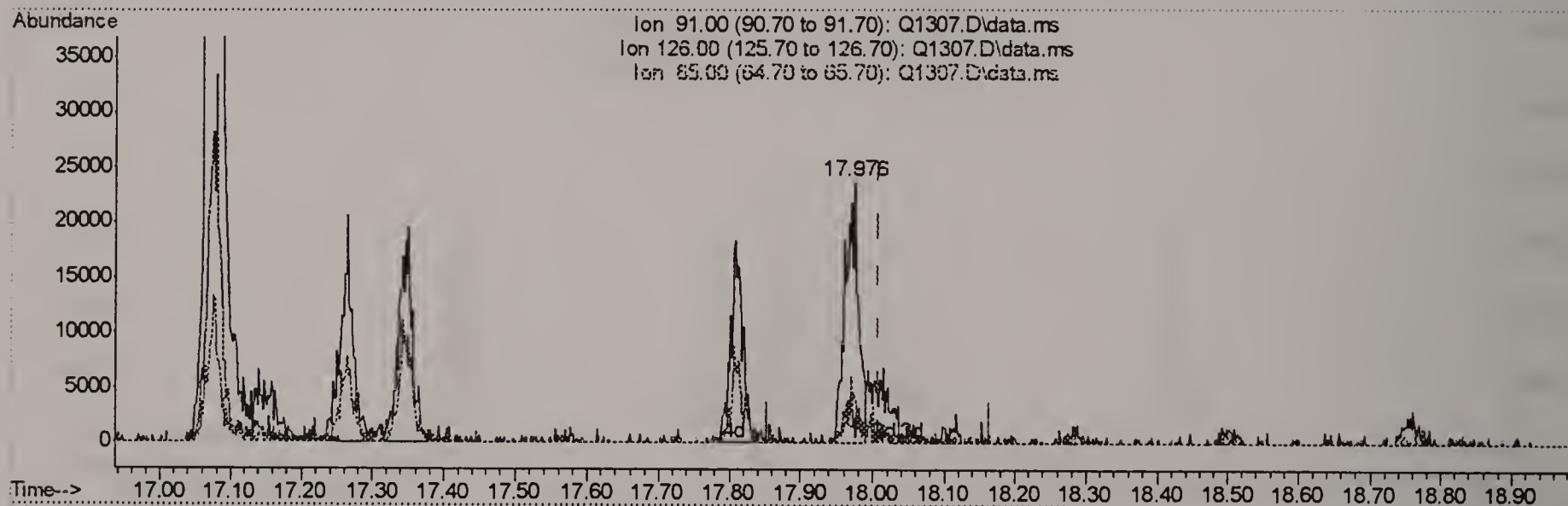
response 67369

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	65.05
111.00	44.00	38.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.976min (-0.033) 0.97PPBV

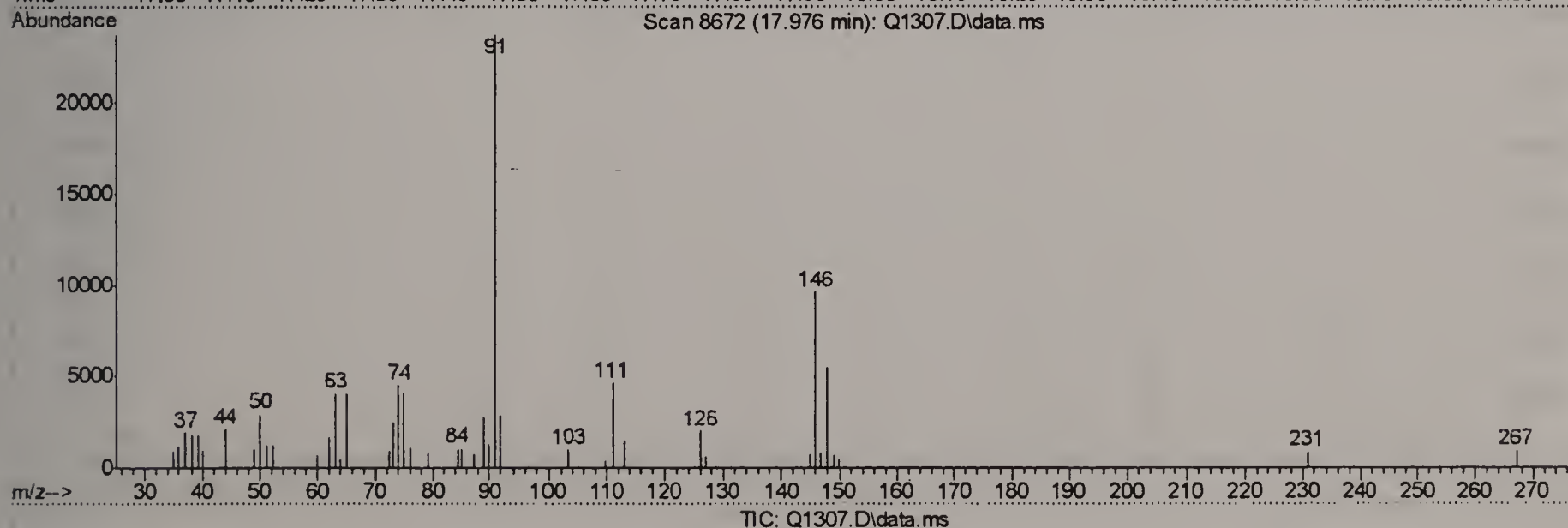
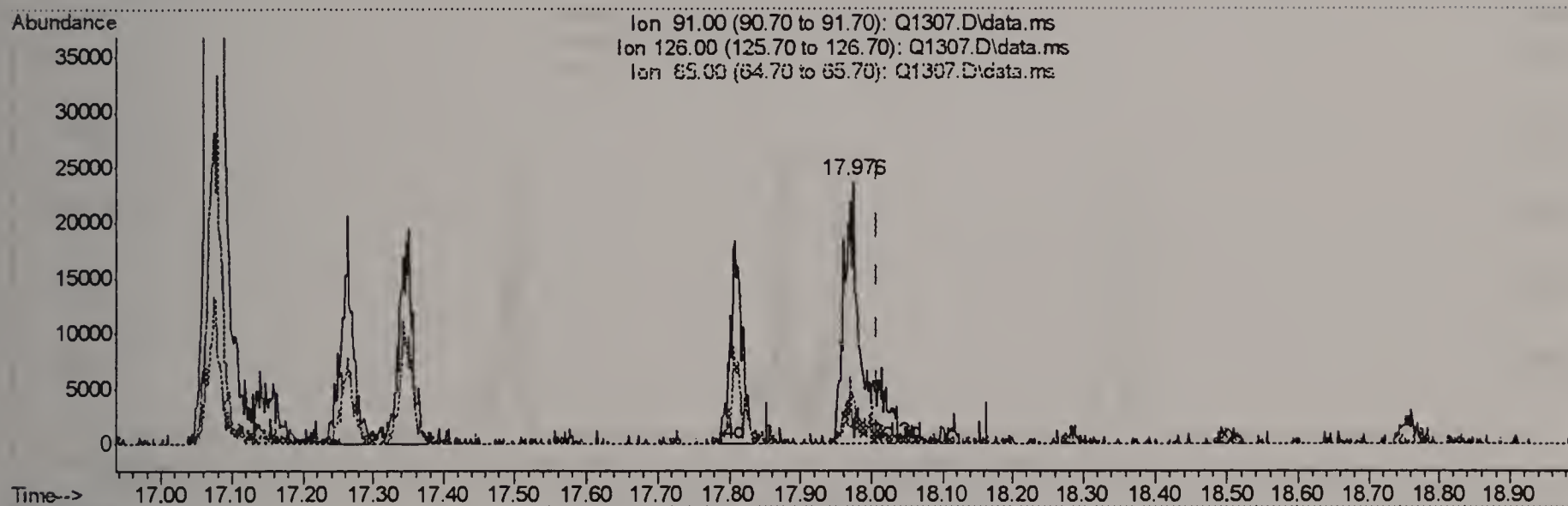
response 31409

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	9.02
65.00	14.40	17.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.976min (-0.033) 1.38PPBV m

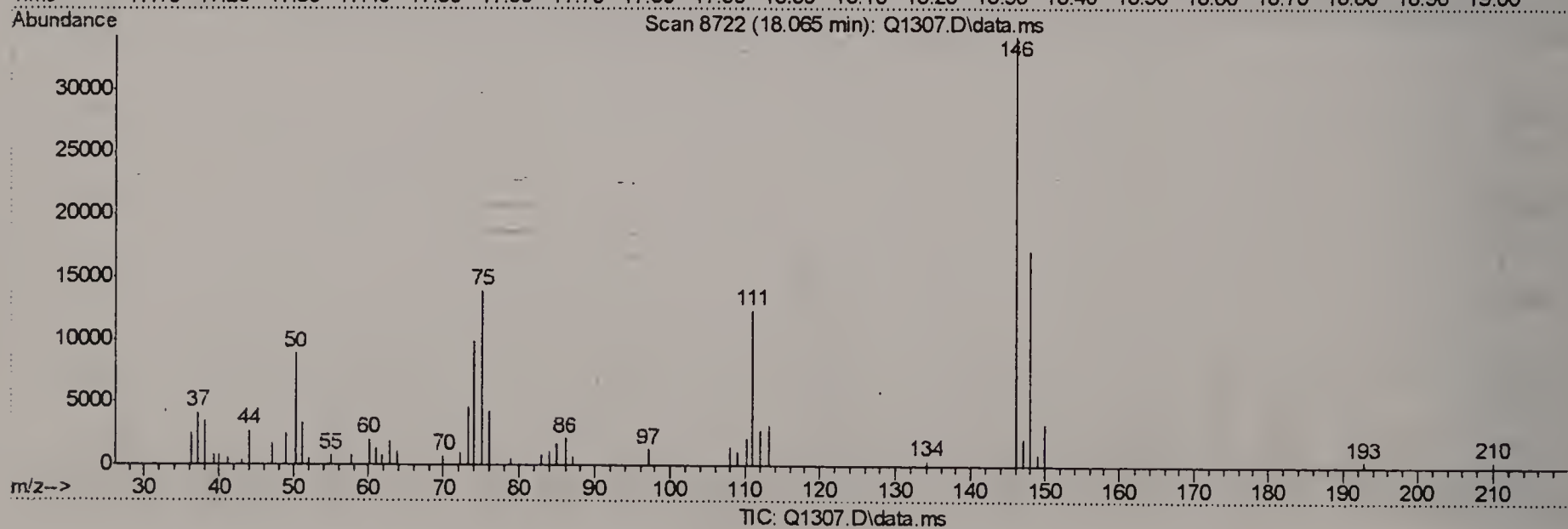
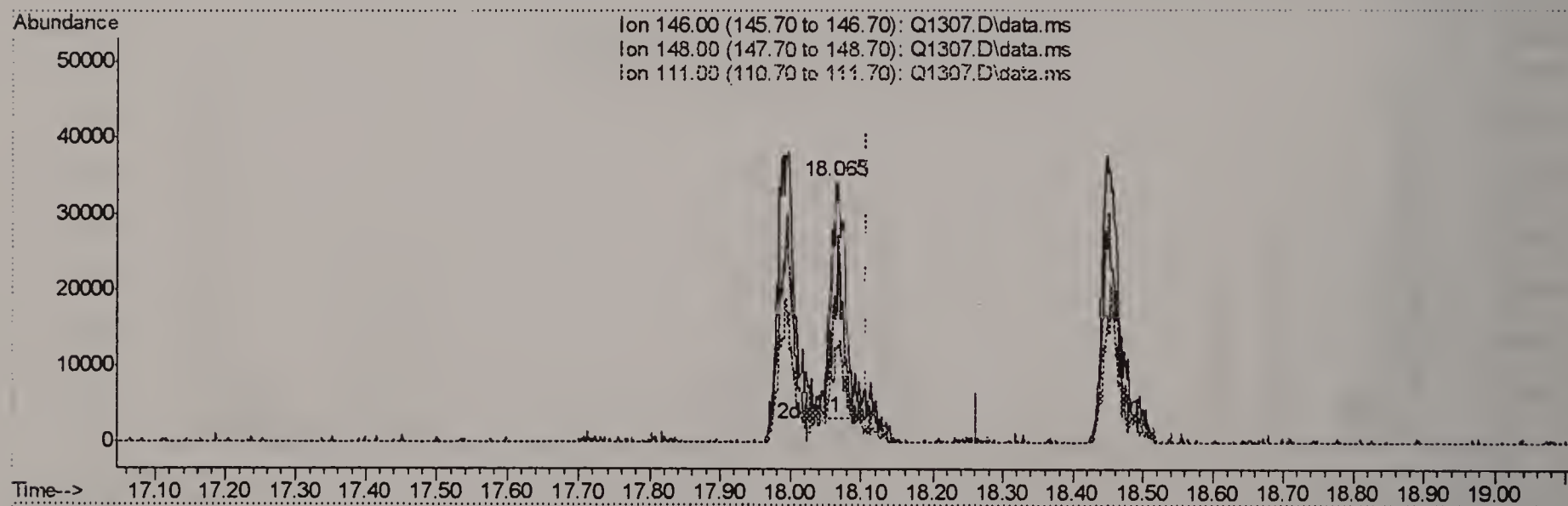
response 44603

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	6.35
65.00	14.40	12.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.065min (-0.042) 1.10PPBV

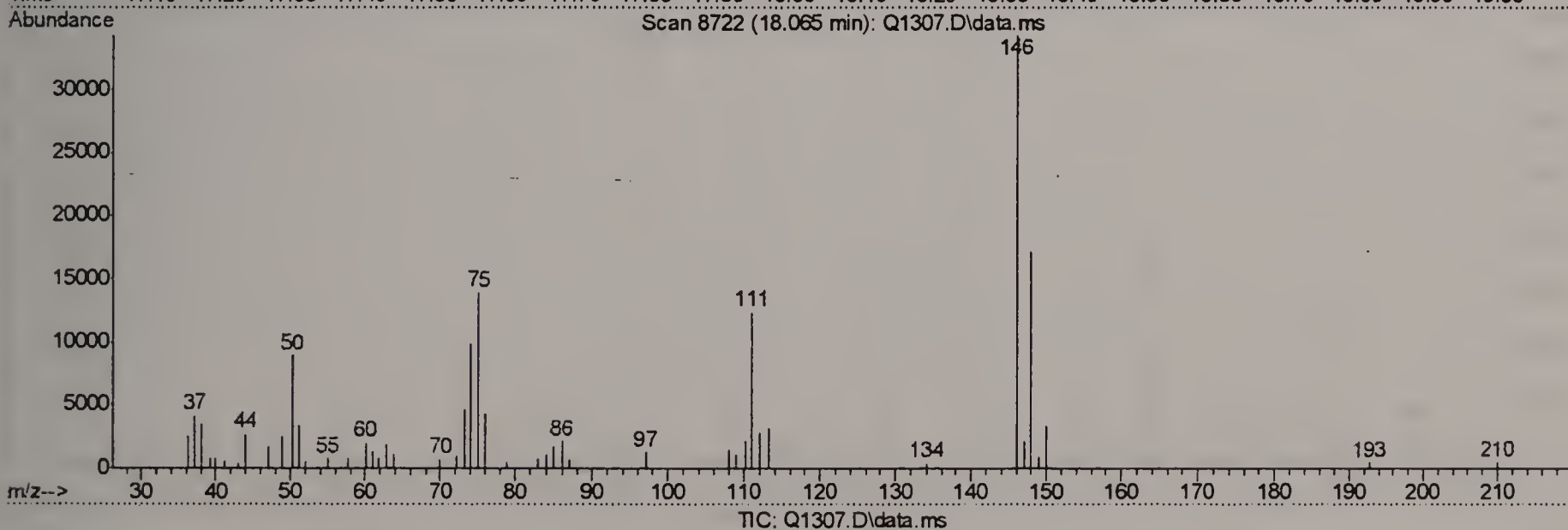
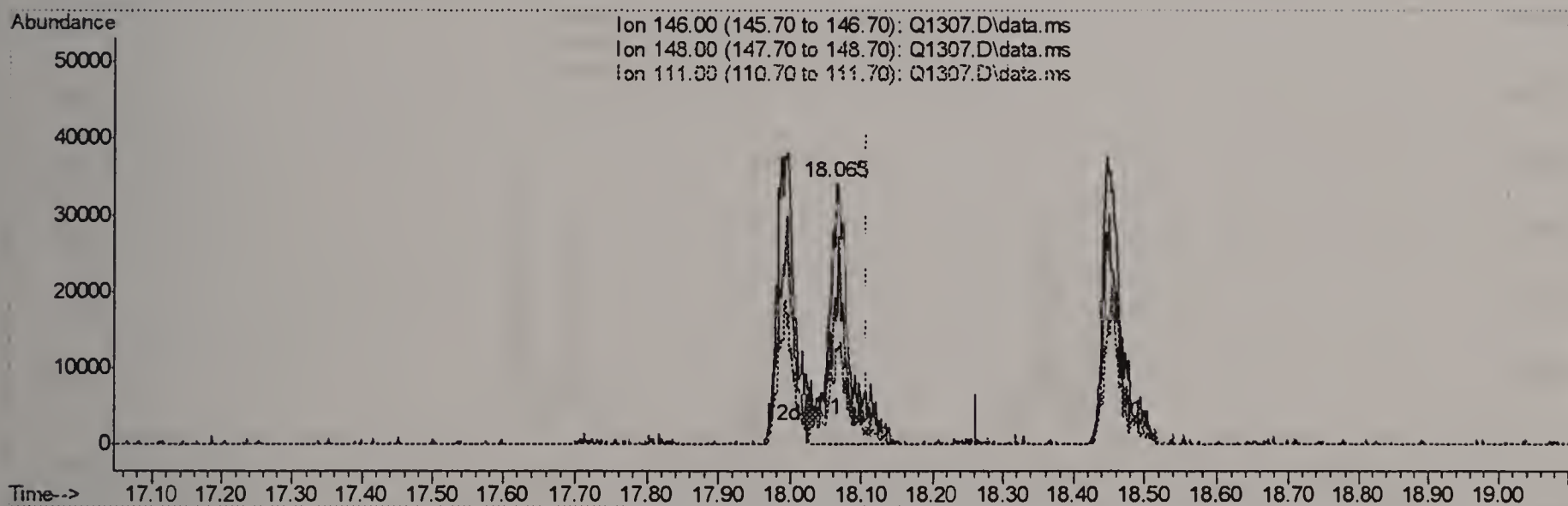
response 44260

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	56.87
111.00	42.40	31.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.065min (-0.042) 1.75PPBV m

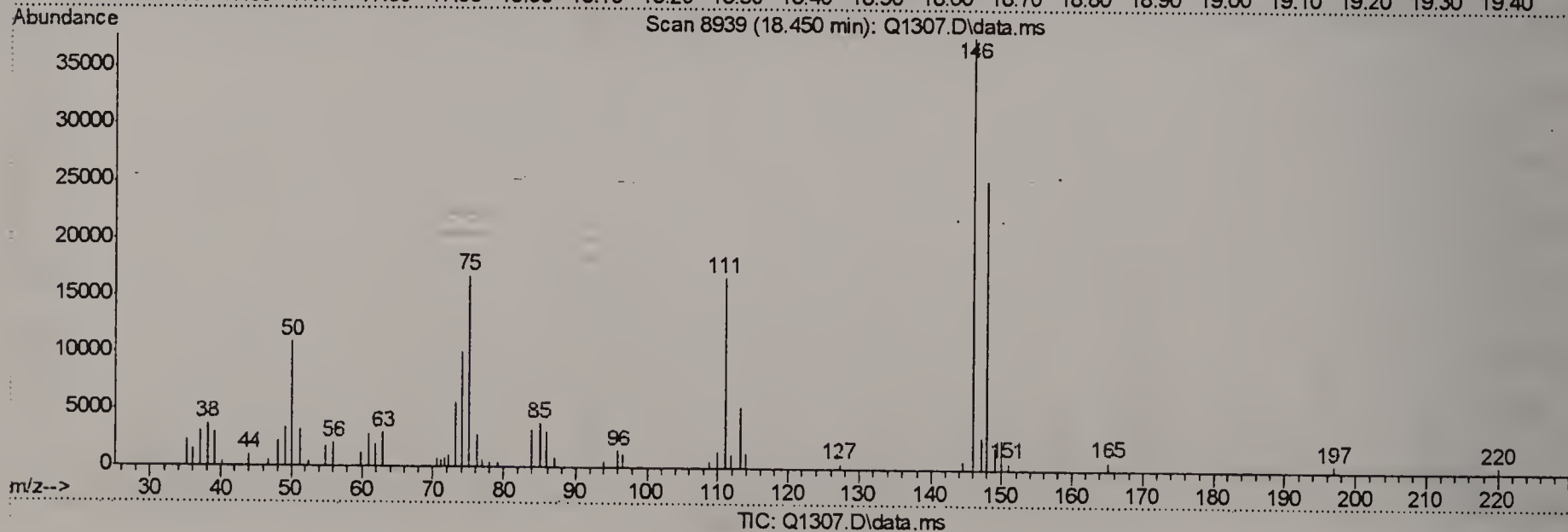
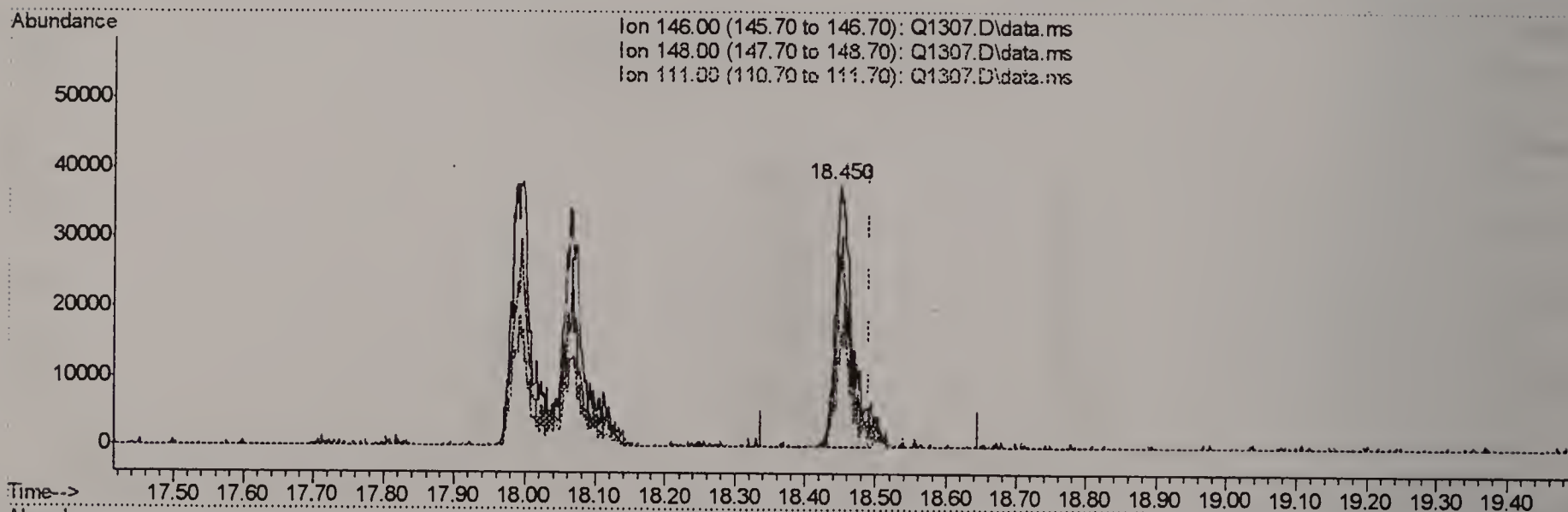
response 70621

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	35.64#
111.00	42.40	19.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.450min (-0.042) 1.59PPBV

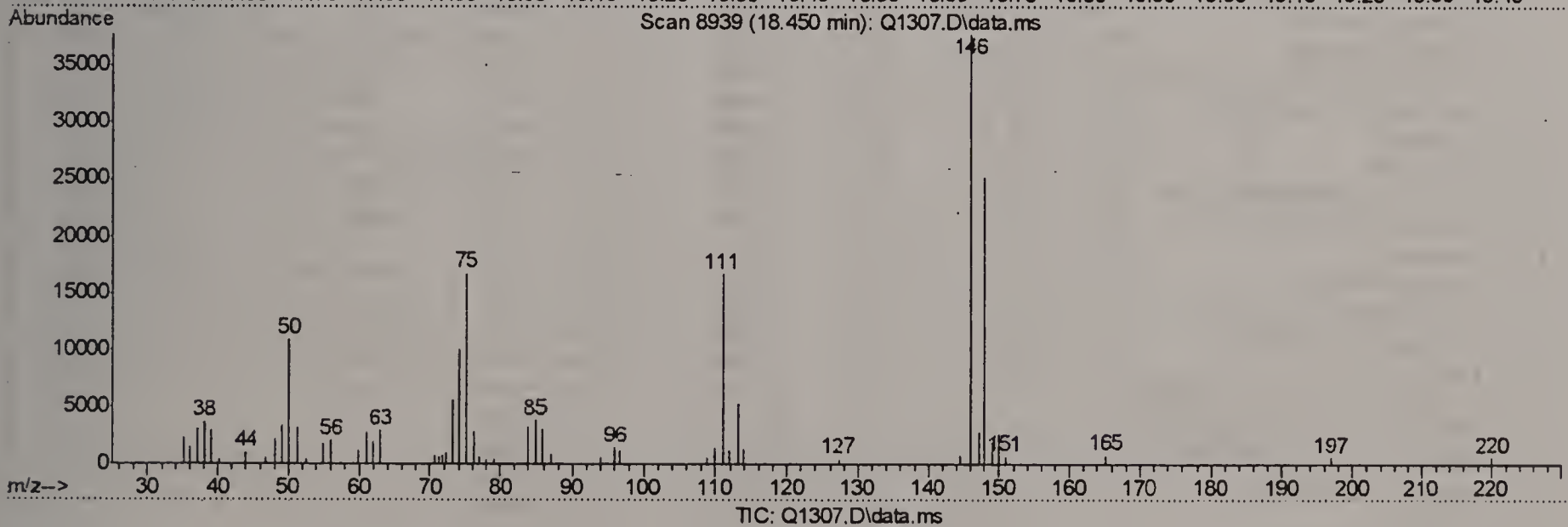
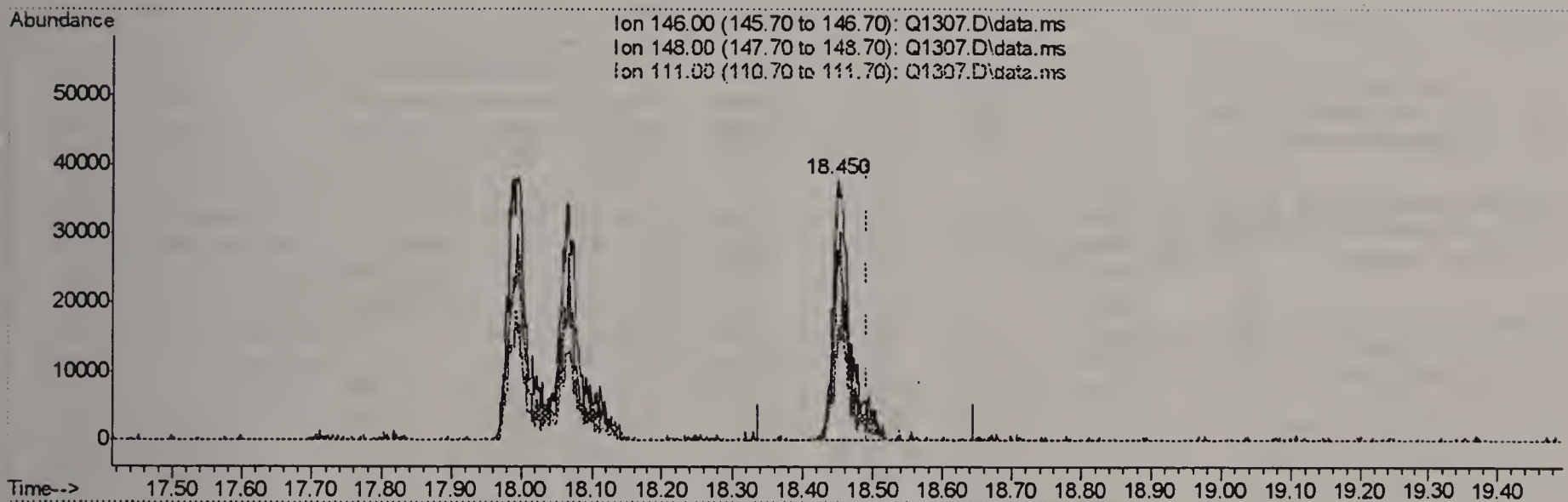
response 63818

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	62.97
111.00	45.70	46.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



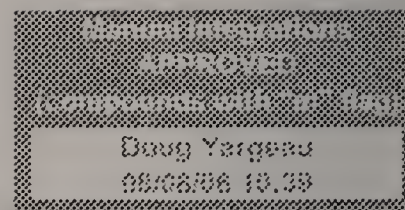
(71) o-DICHLOROBENZENE (m)

18.450min (-0.042) 1.67PPBV m

response 67024

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	59.96
111.00	45.70	44.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:19 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	543338	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1237069	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	761409	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.382	95	177761m	4.77	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	95.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.038	85	138358	0.57	PPBV	76
3) PROPYLENE	3.975	41	20716m	0.53	PPBV	
4) FREON 114	4.310	85	122546	0.55	PPBV	98
5) CHLOROMETHANE	4.216	50	28925	0.50	PPBV	78
6) VINYL CHLORIDE	4.431	62	33497	0.52	PPBV	95
7) 1,3-BUTADIENE	4.578	39	29450	0.53	PPBV #	26
8) BROMOMETHANE	4.857	94	35327	0.55	PPBV	93
9) CHLOROETHANE	5.031	64	14026	0.48	PPBV #	65
10) TRICHLOROFLUOROMETHANE	5.826	101	155866	0.55	PPBV	96
11) ISOPROPYL ALCOHOL	5.863	45	37446	0.52	PPBV	88
12) ACETONE	5.629	43	52976	0.56	PPBV	90
13) PENTANE	6.181	42	33015	0.54	PPBV #	77
14) 1,1-DICHLOROETHYLENE	6.463	96	29739	0.50	PPBV	98
15) CARBON DISULFIDE	6.899	76	86616	0.53	PPBV	88
16) ETHANOL	5.121	45	12583m	0.60	PPBV	
17) BROMOETHENE	5.400	106	25922	0.51	PPBV #	84
18) METHYLENE CHLORIDE	6.575	84	35391	0.51	PPBV #	80
19) 3-CHLOROPROPENE	6.695	39	40819m	0.50	PPBV	
20) FREON 113	6.841	151	68485	0.49	PPBV #	83
21) TRANS-1,2-DICHLOROETHY...	7.515	96	30072m	0.49	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.472	59	50689	0.57	PPBV #	72
23) METHYL TERTIARY BUTYL ...	7.760	73	73718	0.50	PPBV	81
24) TETRAHYDROFURAN	9.198	42	15928m	0.48	PPBV	
25) HEXANE	8.715	57	52390	0.54	PPBV #	79
26) VINYL ACETATE	7.835	43	68618m	0.48	PPBV	
27) 1,1-DICHLOROETHANE	7.703	63	62741	0.47	PPBV	90
28) METHYL ETHYL KETONE	8.087	43	65674	0.55	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.511	96	32491	0.48	PPBV	91
30) ETHYL ACETATE	8.711	43	110665	0.54	PPBV	99
31) CHLOROFORM	8.805	83	93821	0.55	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.758	97	47937	0.43	PPBV	91
33) CARBON TETRACHLORIDE	10.349	117	56009	0.44	PPBV	94
34) 1,2-DICHLOROETHANE	9.514	62	30851	0.47	PPBV	92
36) BENZENE	10.206	78	44567	0.42	PPBV	85
37) CYCLOHEXANE	10.476	84	28888m	0.58	PPBV	
38) TRICHLOROETHYLENE	11.196	95	26182	0.51	PPBV	91
39) 1,2-DICHLOROPROPANE	10.987	63	18657	0.50	PPBV	91
40) BROMODICHLOROMETHANE	11.164	83	36570	0.46	PPBV	86
41) 2,2,4-TRIMETHYLPENTANE	11.223	57	84857	0.44	PPBV	98
42) 1,4-DIOXANE	11.198	88	7638	0.48	PPBV #	60
43) HEPTANE	11.466	43	26722	0.42	PPBV	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1308.D
Acq On : 7 Aug 2006 3:27 pm
Operator : PhilipB
Sample : IC68-.5 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:19 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration

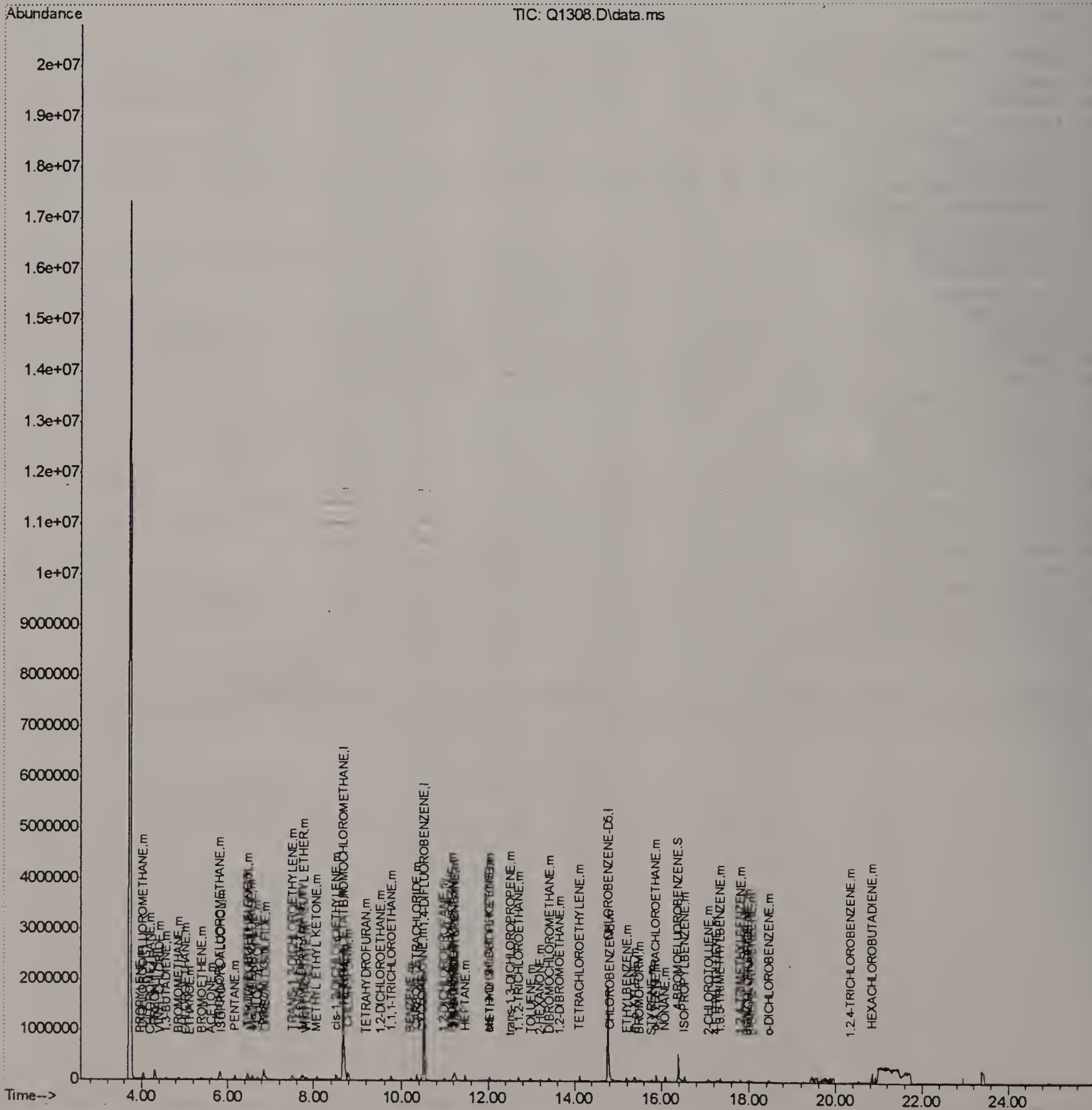
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.037	43	31858	0.44	PPBV	97
45) cis-1,3-DICHLOROPROPENE	12.021	75	19811	0.42	PPBV	93
46) TOLUENE	12.983	92	19973	0.36	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.524	75	11981	0.39	PPBV	81
48) 1,1,2-TRICHLOROETHANE	12.699	83	16259	0.53	PPBV	96
50) 2-HEXANONE	13.210	43	21056	0.42	PPBV	94
51) TETRACHLOROETHYLENE	14.108	164	18251	0.49	PPBV #	68
52) DIBROMOCHLOROMETHANE	13.407	129	23467	0.49	PPBV	95
53) 1,2-DIBROMOETHANE	13.656	107	19570	0.49	PPBV	97
54) CHLOROBENZENE	14.809	112	30943	0.52	PPBV	92
55) ETHYLBENZENE	15.188	91	37152	0.38	PPBV	89
56) m,p-XYLENE	15.365	106	29860m	0.80	PPBV	
57) o-XYLENE	15.880	106	14360	0.38	PPBV	88
58) STYRENE	15.759	104	14030m	0.34	PPBV	
59) NONANE	16.086	43	31803	0.38	PPBV	90
60) BROMOFORM	15.482	173	15743	0.38	PPBV	94
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	31858	0.49	PPBV	95
63) ISOPROPYLBENZENE	16.526	105	45834	0.40	PPBV	94
64) 2-CHLOROTOLUENE	17.078	91	31330m	0.41	PPBV	
65) 4-ETHYLTOLUENE	17.259	105	22209	0.29	PPBV	89
66) 1,3,5-TRIMETHYLBENZENE	17.344	105	30515	0.35	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.812	105	21061	0.28	PPBV	97
68) m-DICHLOROBENZENE	17.999	146	16580m	0.42	PPBV	
69) BENZYL CHLORIDE	17.961	91	14404m	0.43	PPBV	
70) p-DICHLOROBENZENE	18.068	146	18949m	0.45	PPBV	
71) o-DICHLOROBENZENE	18.453	146	18214m	0.44	PPBV	
72) HEXACHLOROBUTADIENE	20.844	225	20838	0.53	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.347	180	4941	0.49	PPBV	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1308.D  
Acq On    : 7 Aug 2006    3:27 pm  
Operator   : PhilipB  
Sample     : IC68-.5 (M140)  
Misc      : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
```

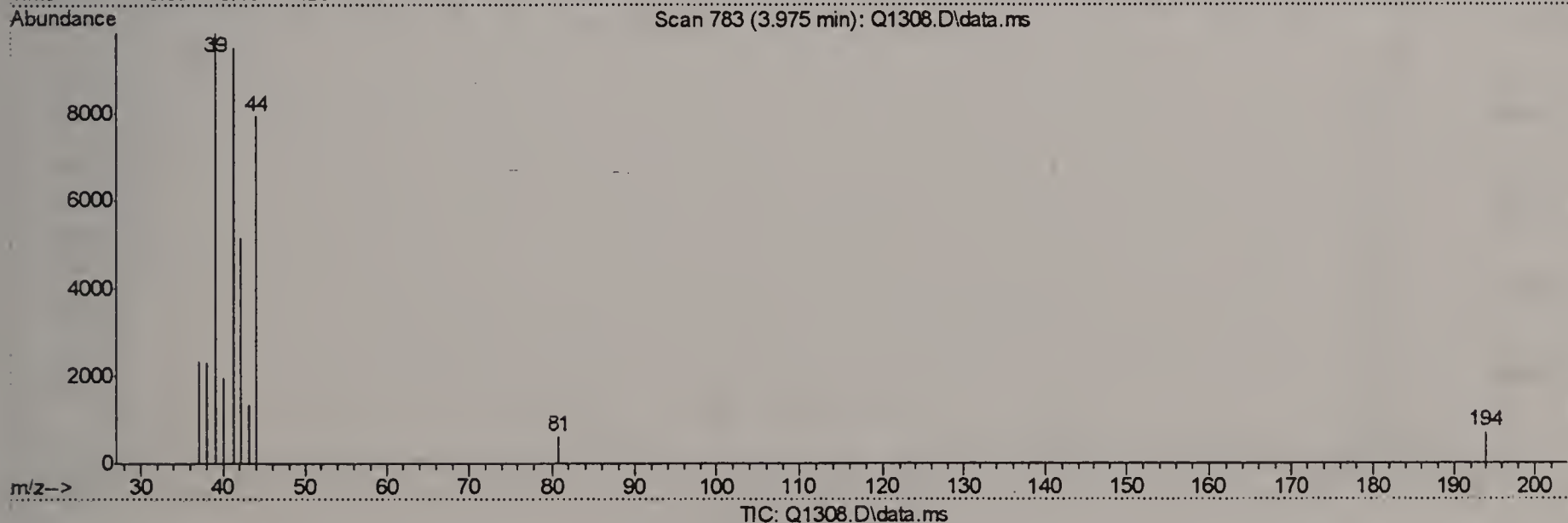
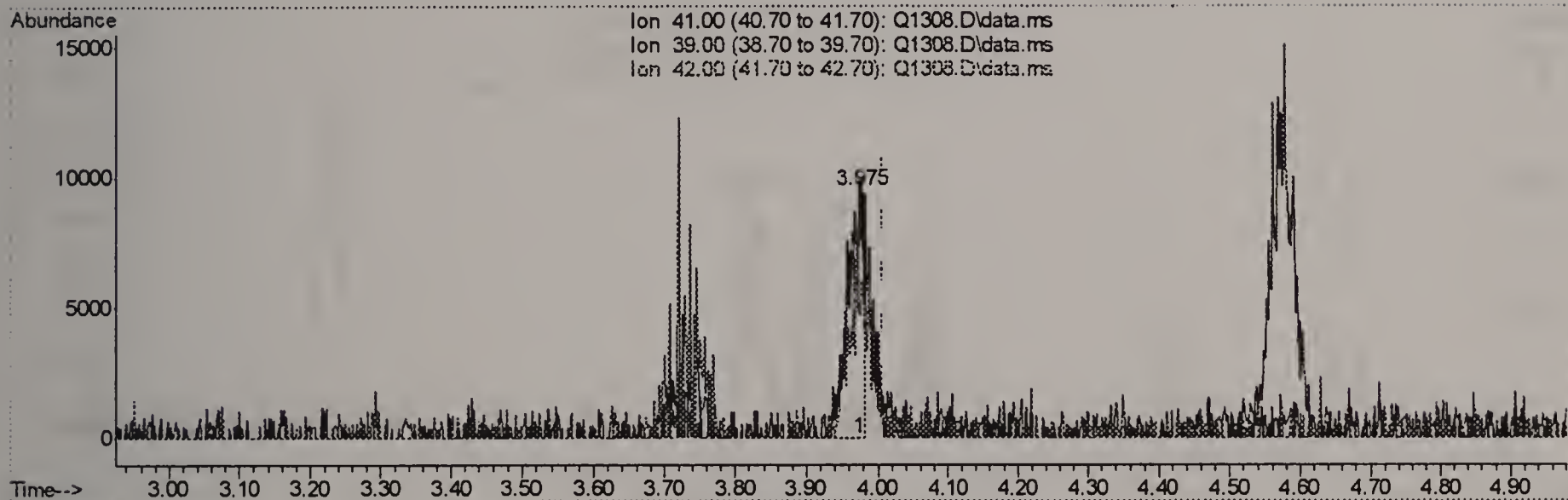
Quant Time: Aug 07 18:48:19 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.975min (-0.032) 0.36PPBV

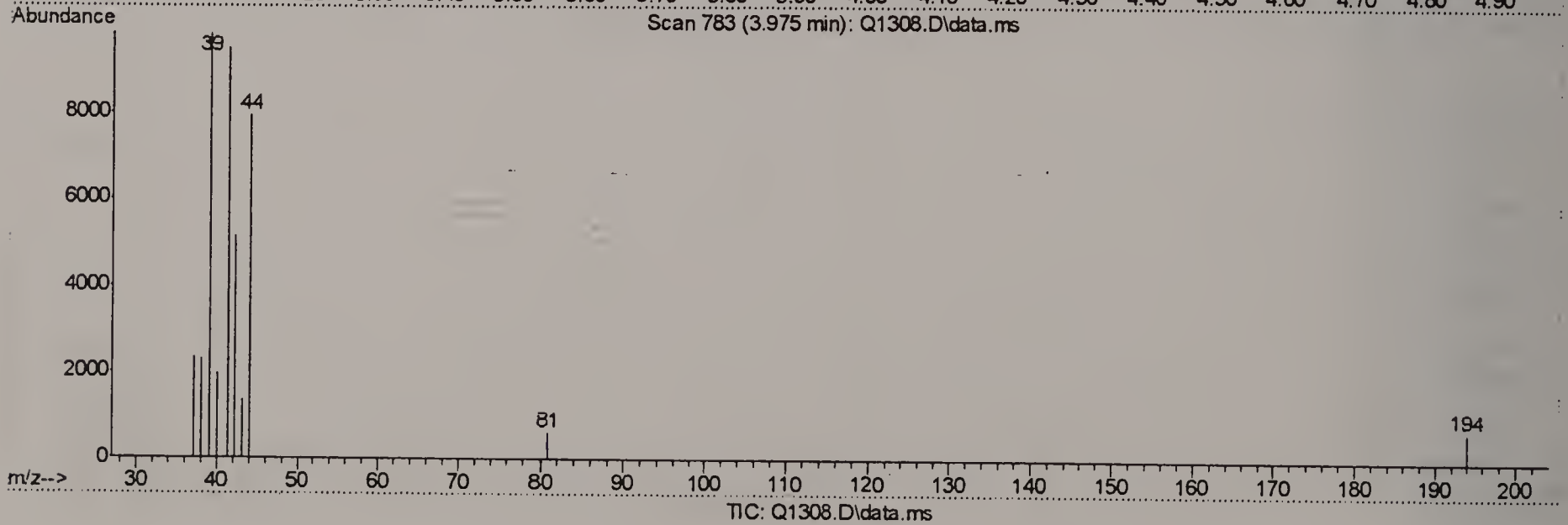
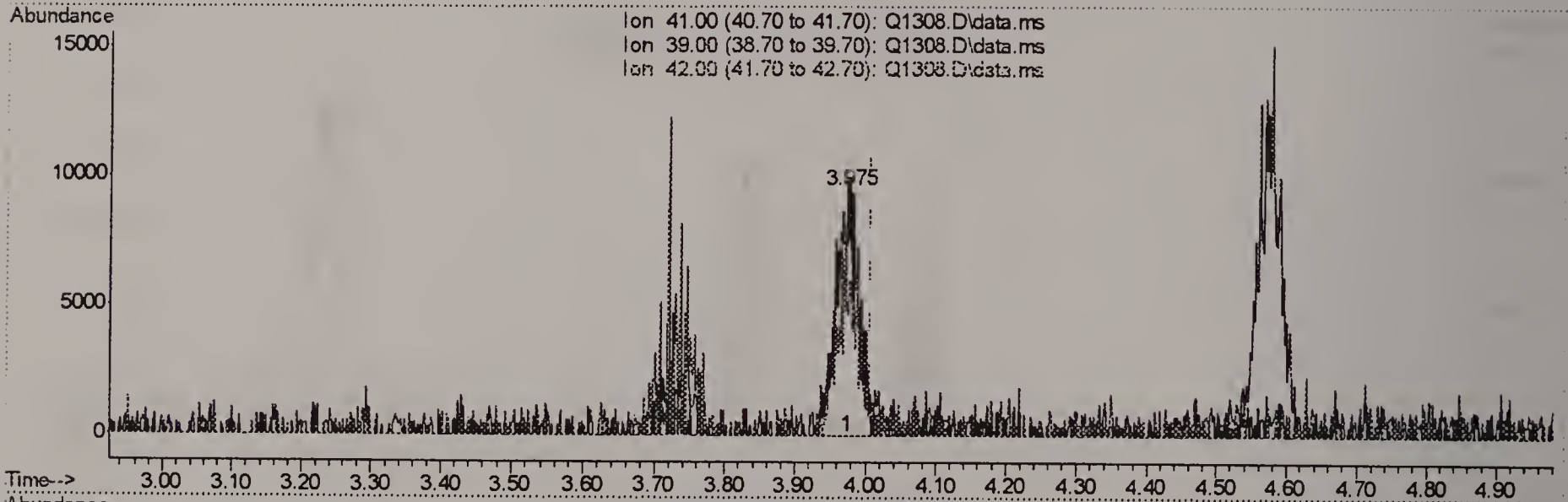
response 14043

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	103.71#
42.00	66.80	54.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.975min (-0.032) 0.53PPBV m

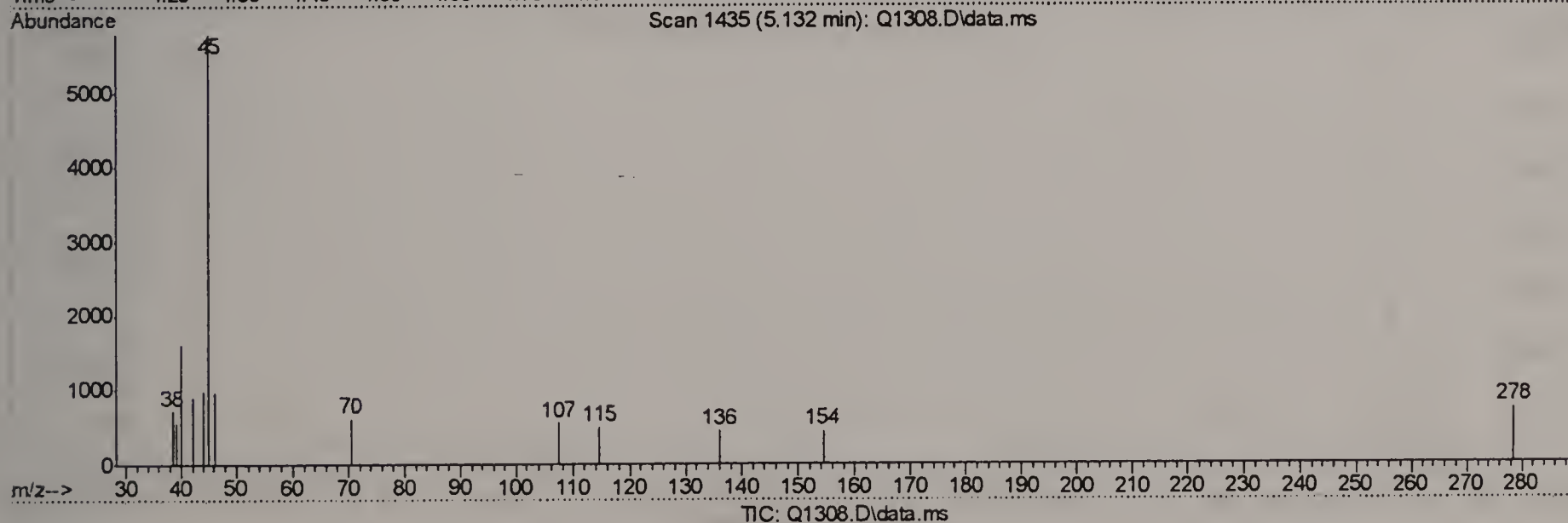
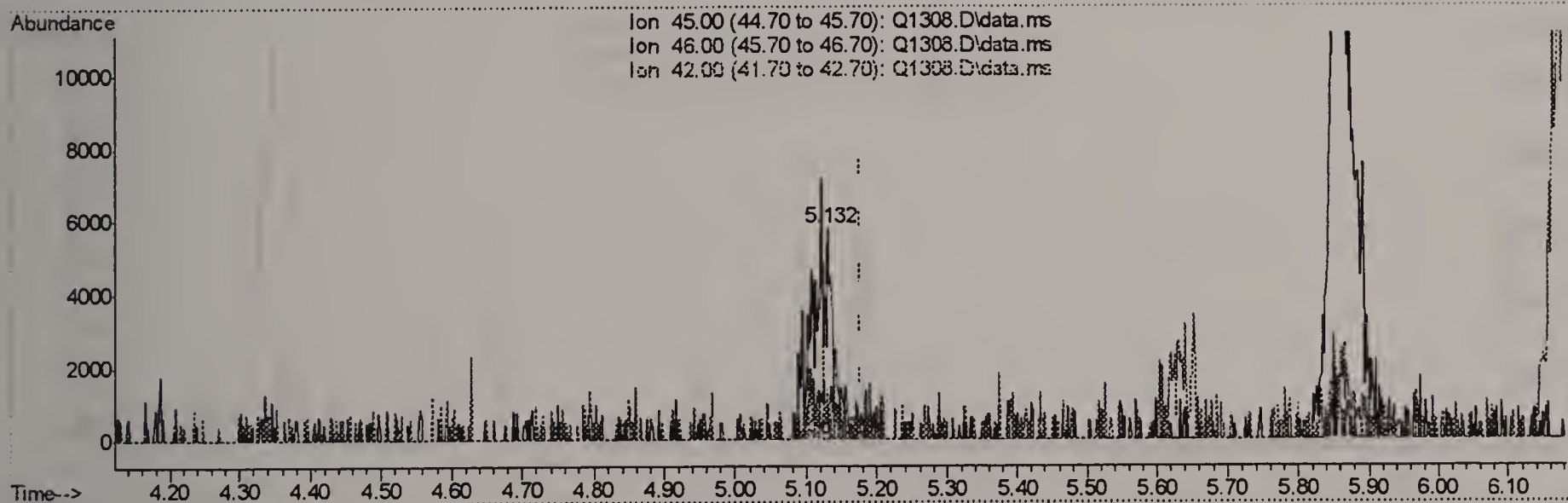
response 20716

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	103.71#
42.00	66.80	54.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.132min (-0.044) 0.26PPBV

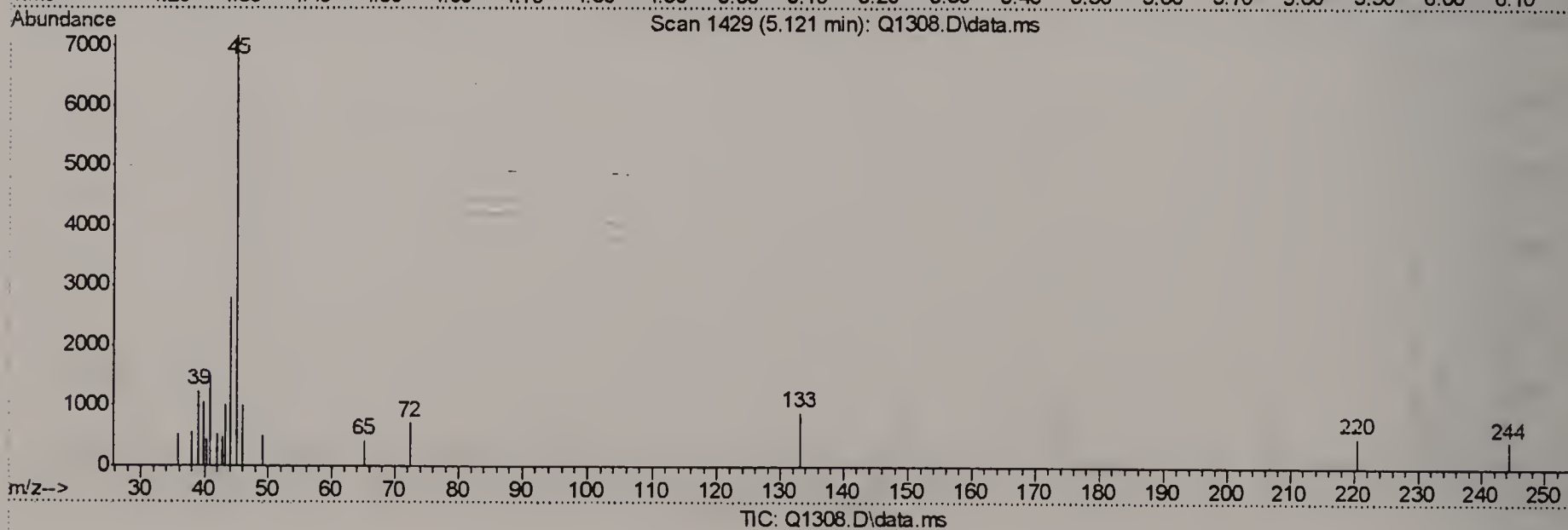
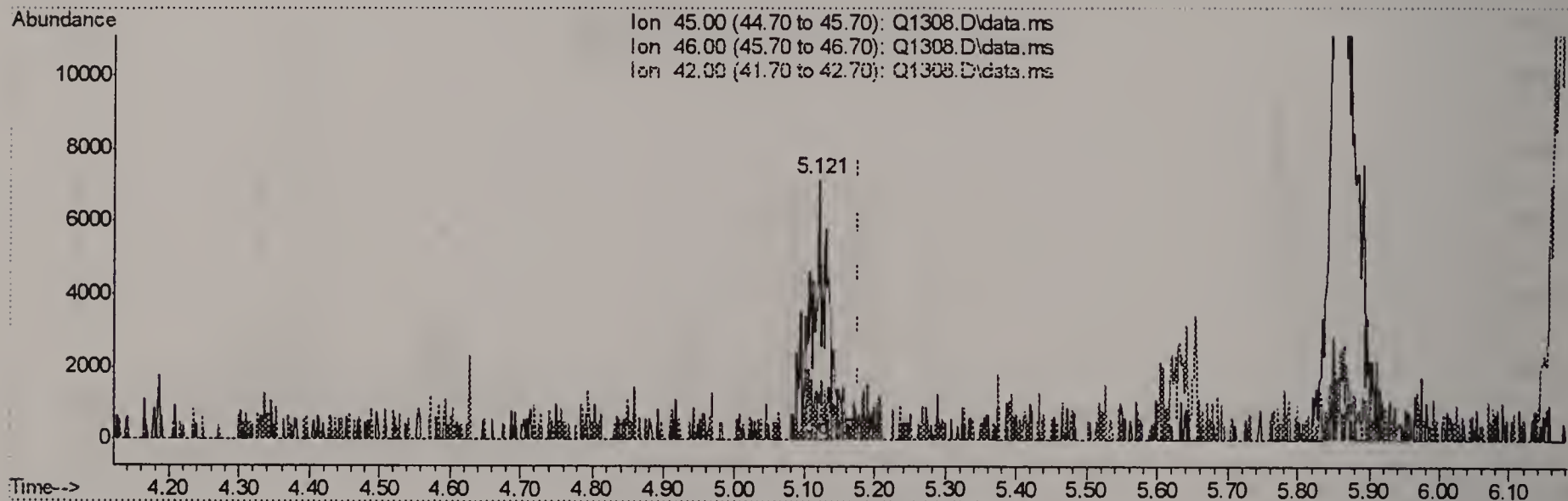
response 5443

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	14.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.121min (-0.055) 0.60PPBV m

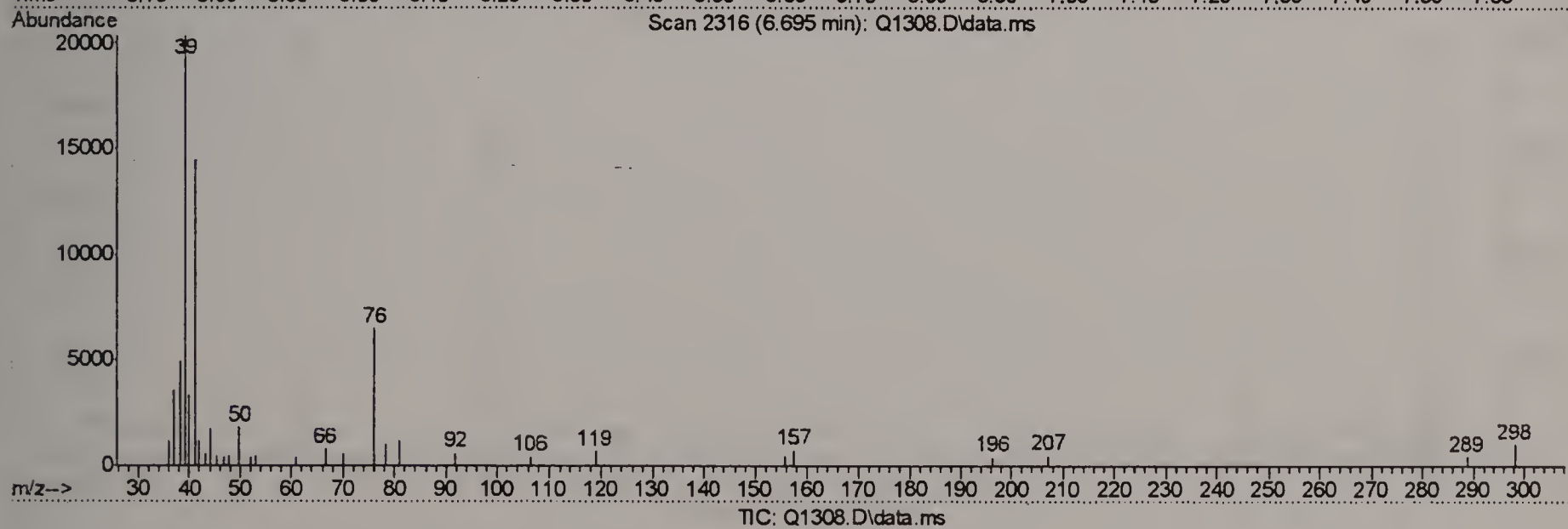
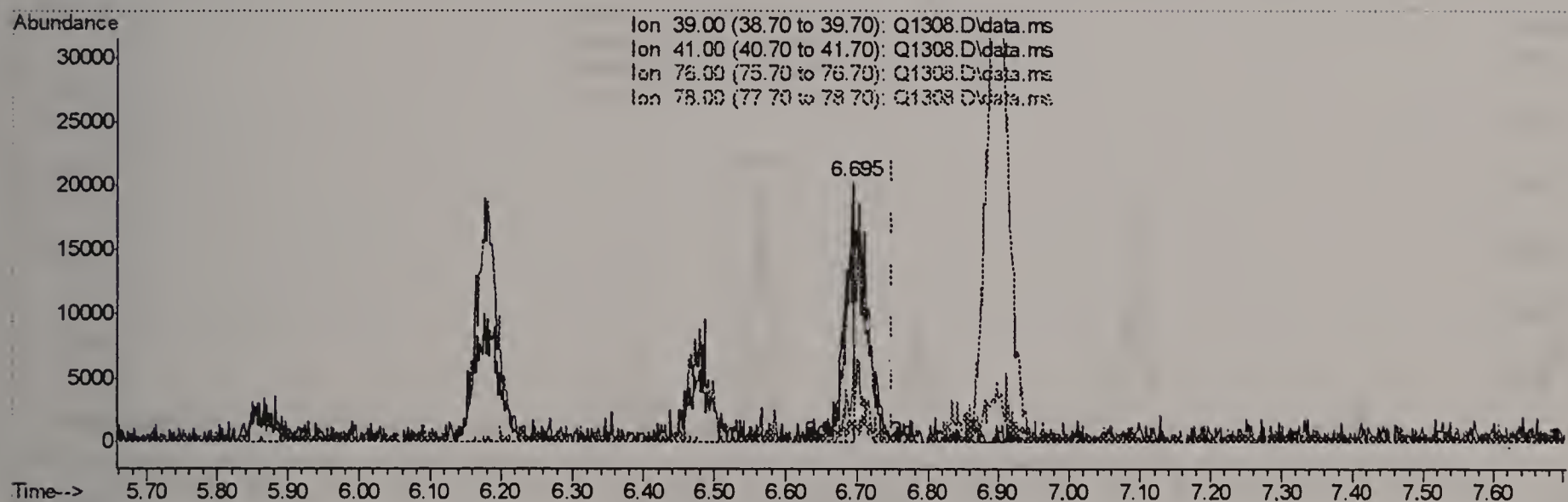
response 12583

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	6.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(19) 3-CHLOROPROPENE (m)

6.695min (-0.053) 0.22PPBV

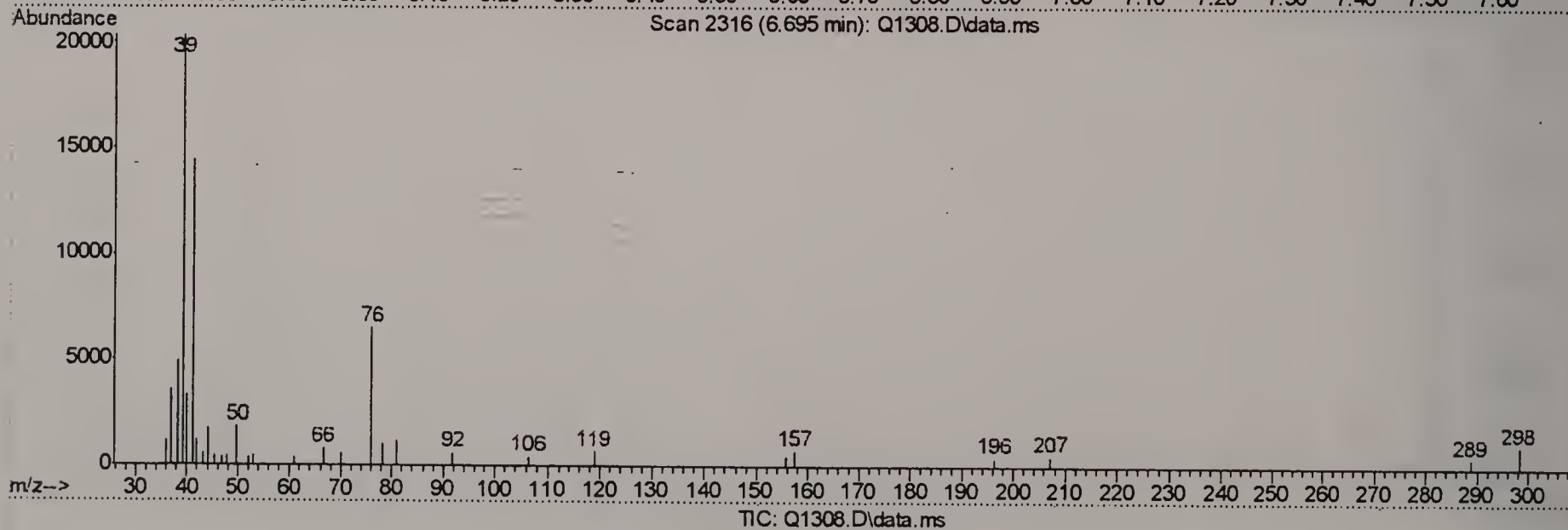
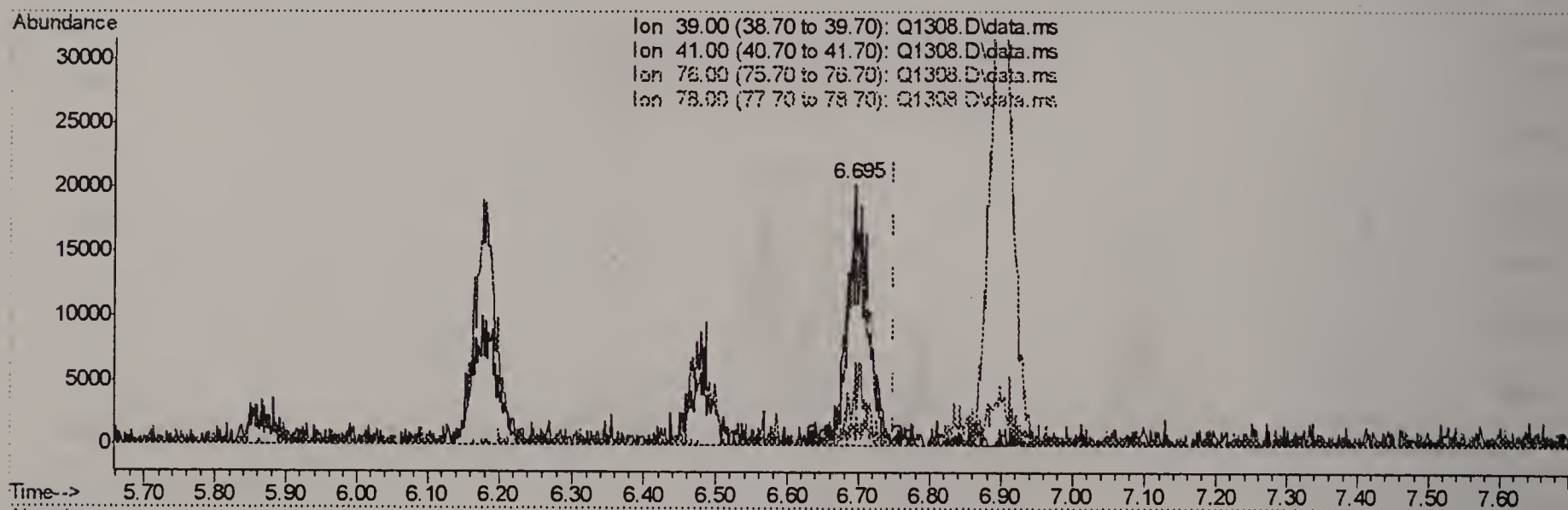
response 17961

Ion	Exp%	Act%
39.00	100	100
41.00	130.20	184.33#
76.00	33.90	55.32#
78.00	10.80	3.60

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(19) 3-CHLOROPROPENE (m)

6.695min (-0.053) 0.50PPBV m

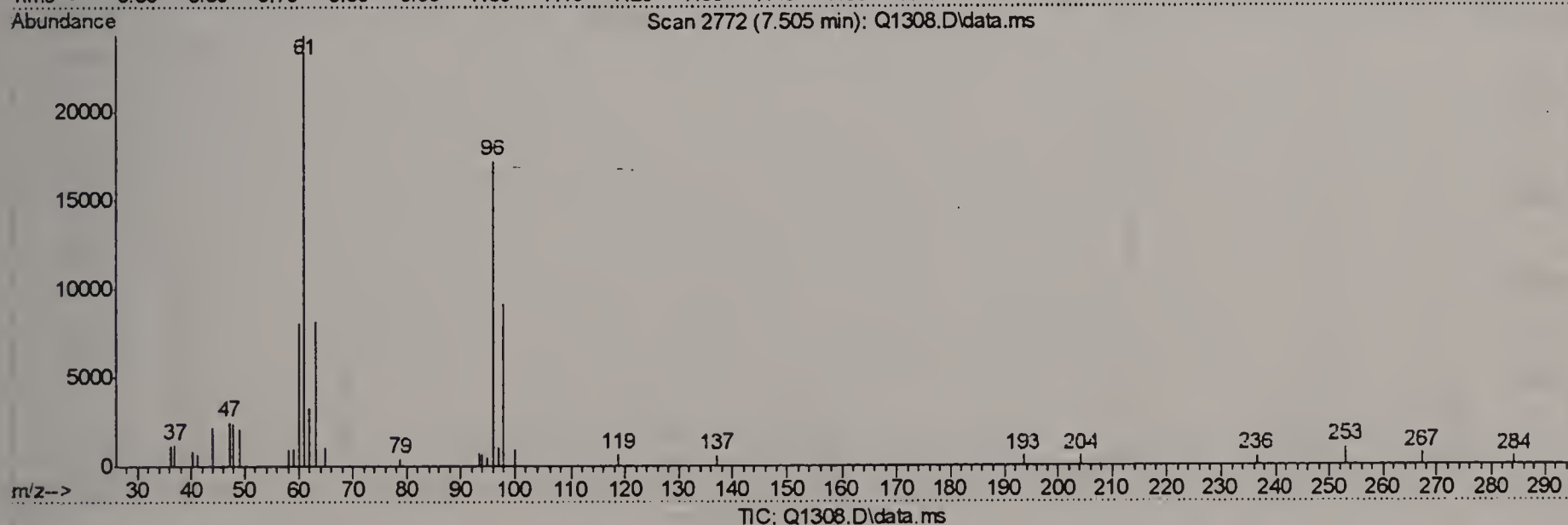
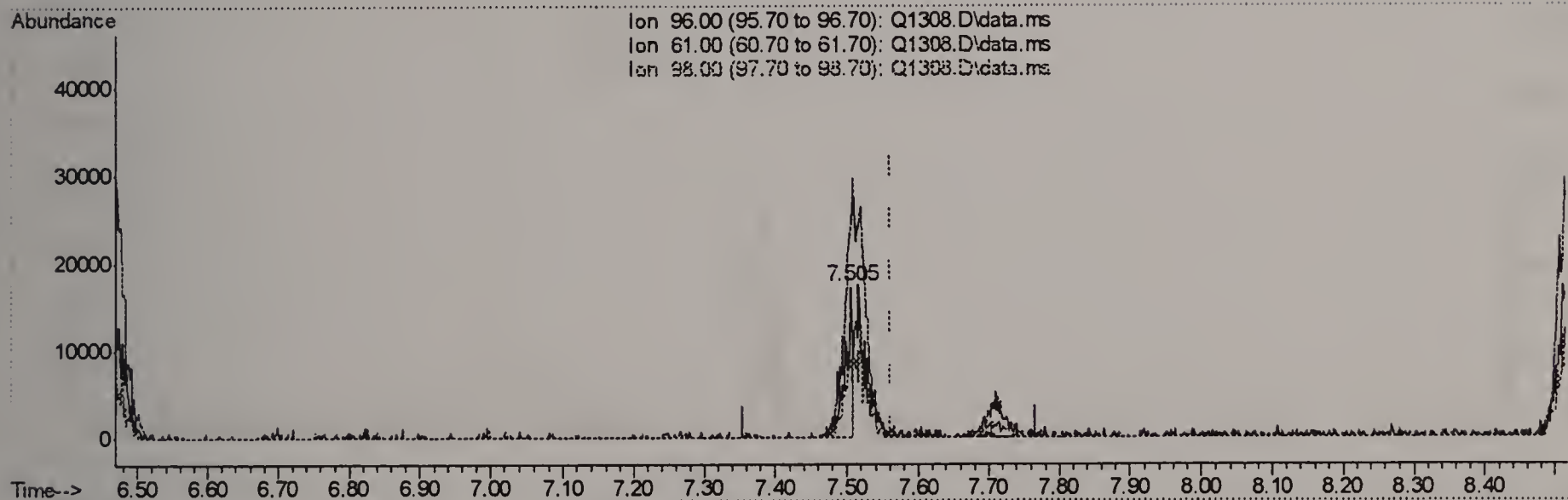
response 40819

Ion	Exp%	Act%
39.00	100	100
41.00	130.20	81.11#
76.00	33.90	24.34
78.00	10.80	1.58

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.505min (-0.057) 0.19PPBV

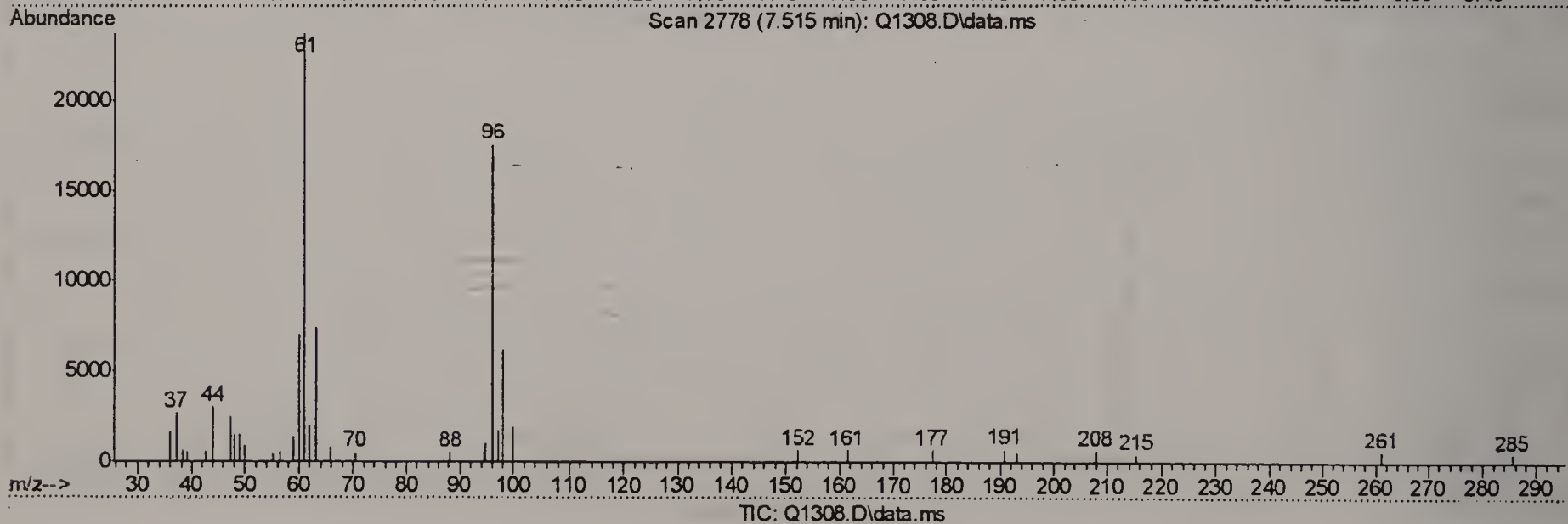
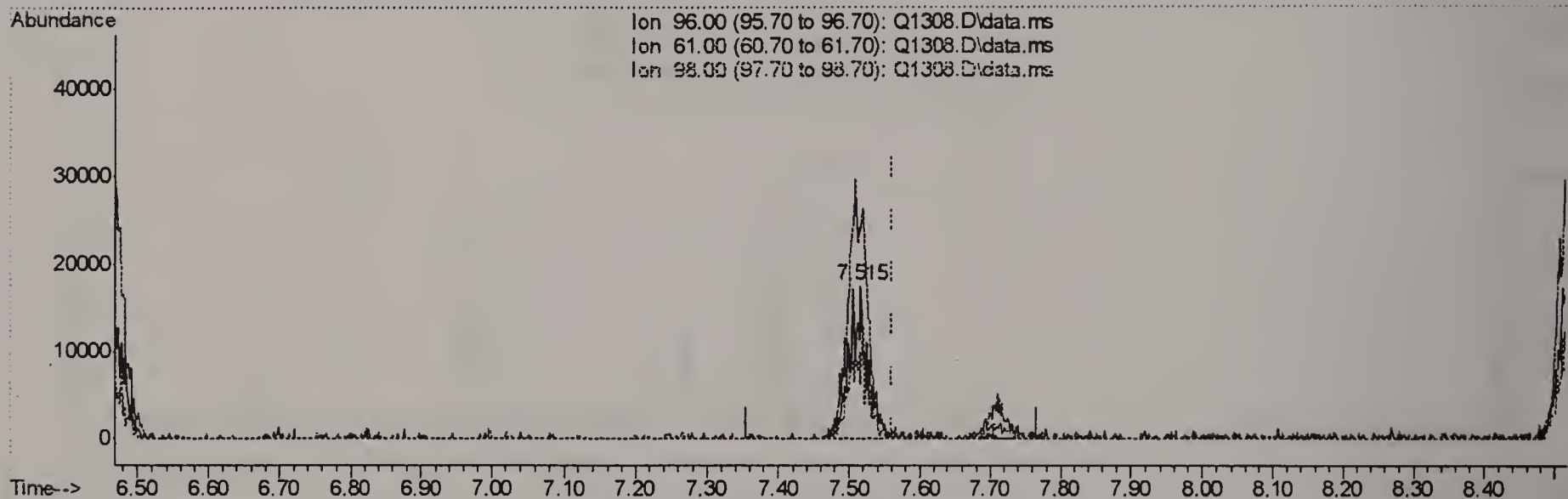
response 11659

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	471.04#
98.00	62.80	97.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.515min (-0.046) 0.49PPBV m

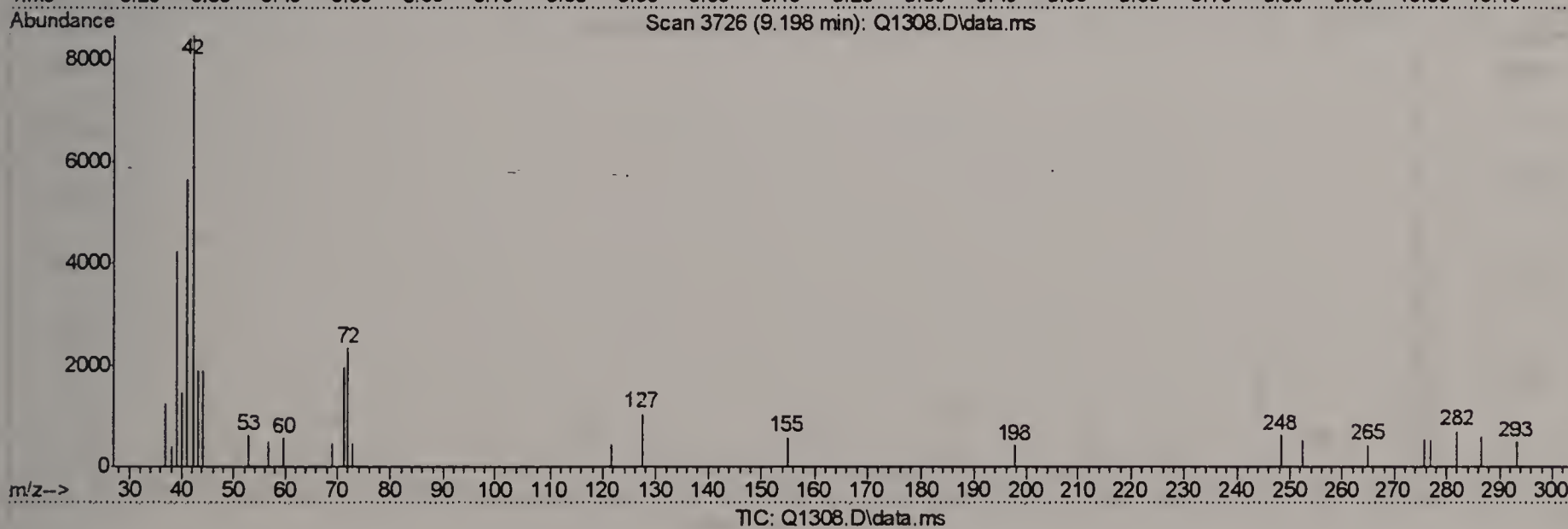
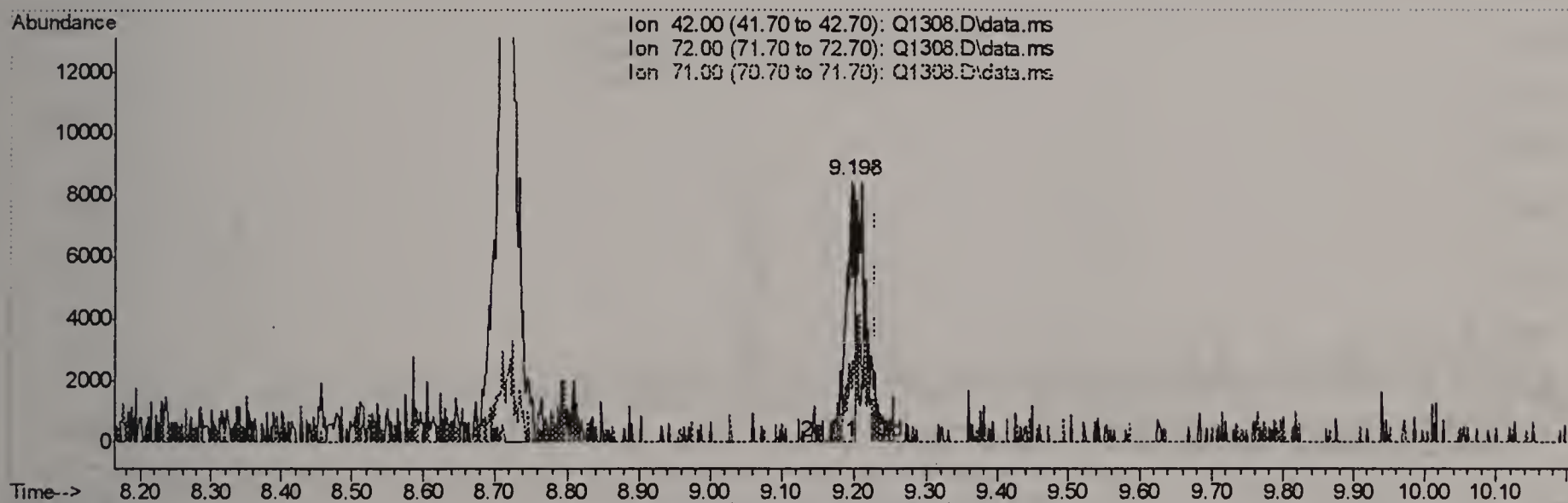
response 30072

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	182.62
98.00	62.80	37.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(24) TETRAHYDROFURAN (m)

9.198min (-0.032) 0.23PPBV

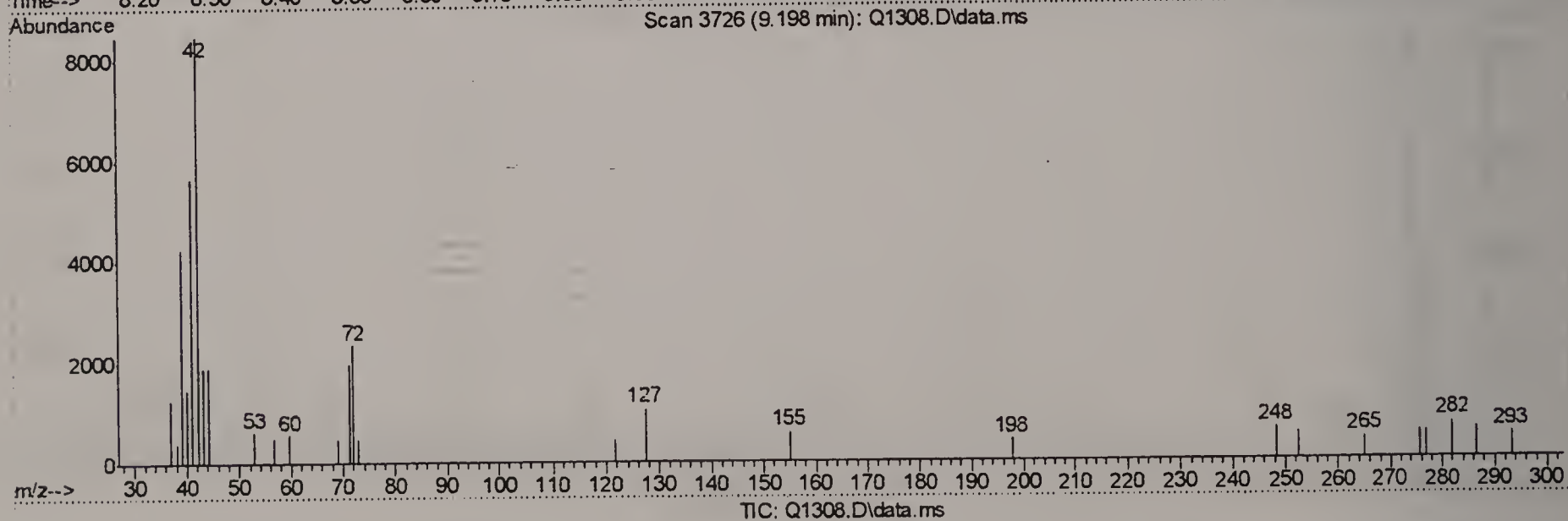
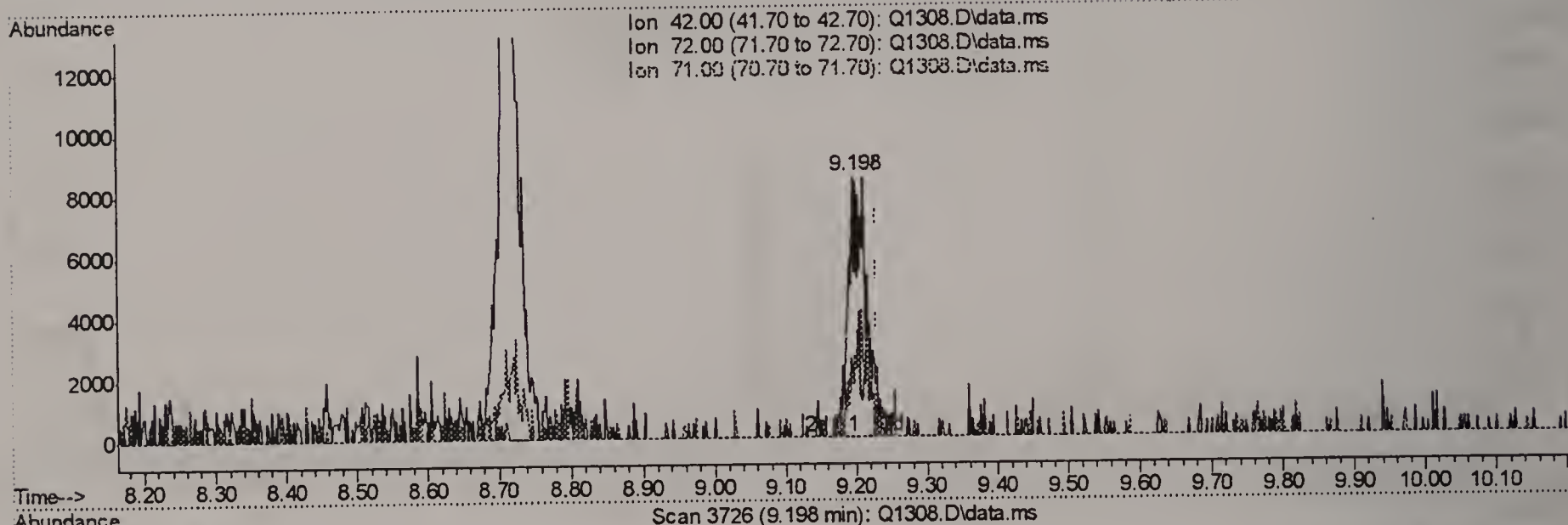
response 7753

Ion	Exp%	Act%
42.00	100	100
72.00	29.70	67.24#
71.00	28.60	72.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(24) TETRAHYDROFURAN (m)

9.198min (-0.032) 0.48PPBV m

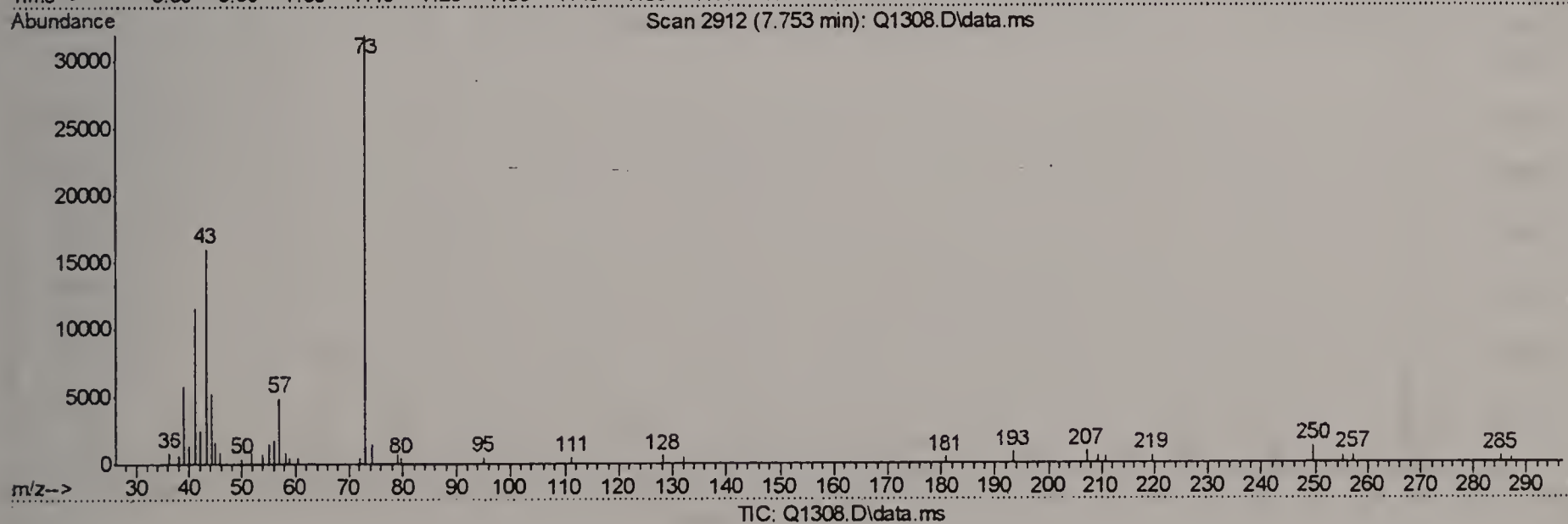
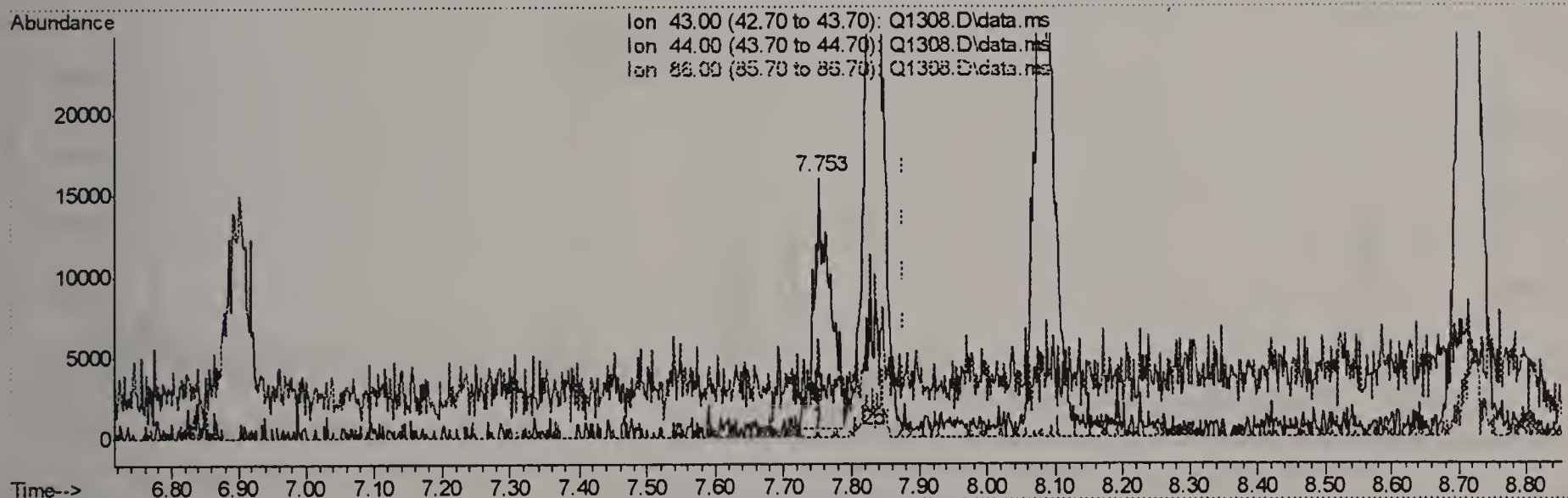
response 15928

Ion	Exp%	Act%
42.00	100	100
72.00	29.70	32.73
71.00	28.60	35.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(26) VINYL ACETATE (m)

7.753min (-0.124) 0.18PPBV

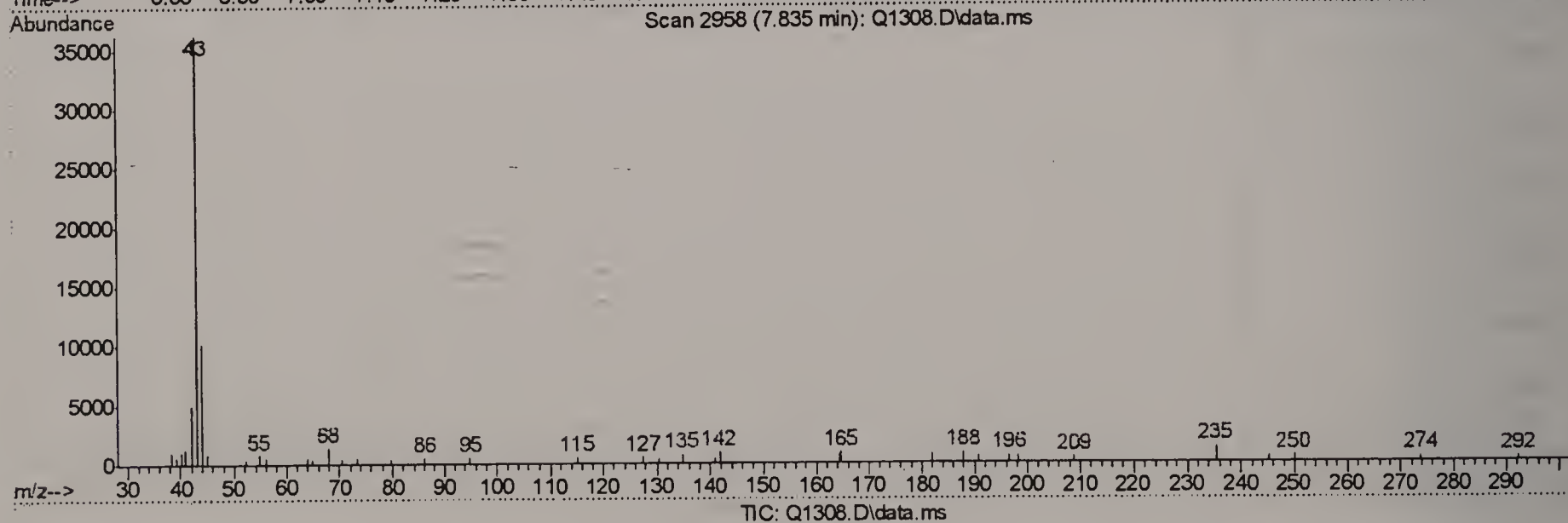
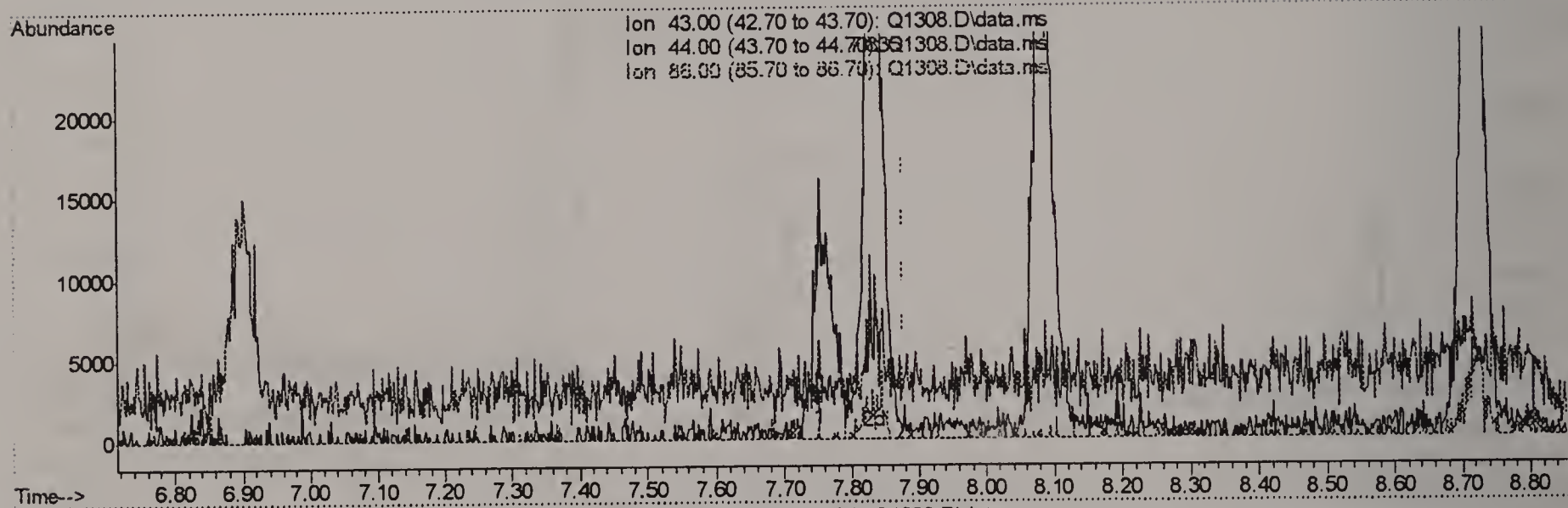
response 25473

Ion	Exp%	Act%
43.00	100	100
44.00	5.30	5.07
86.00	5.10	0.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(26) VINYL ACETATE (m)

7.835min (-0.043) 0.48PPBV m

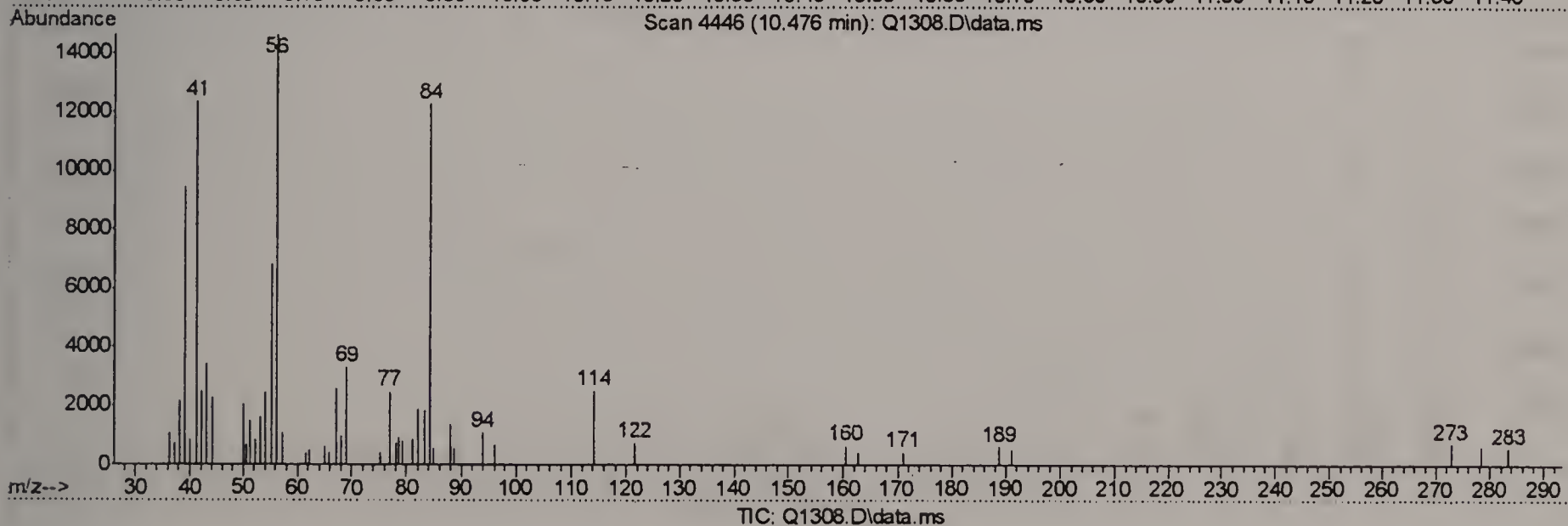
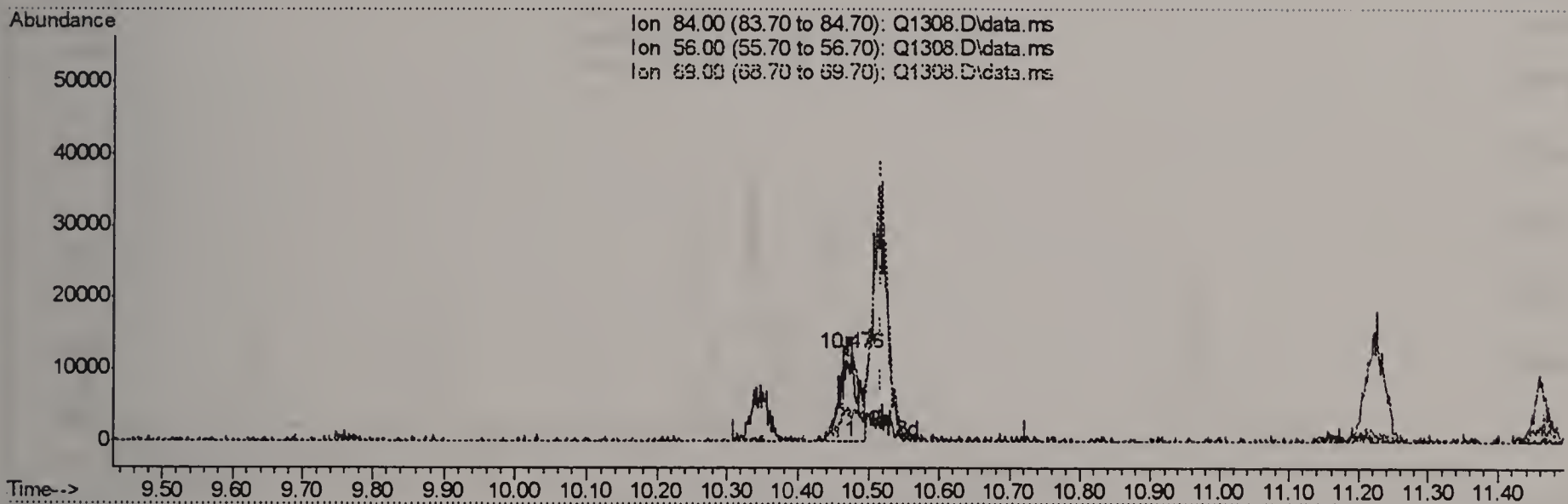
response 68618

Ion	Exp%	Act%
43.00	100	100
44.00	5.30	1.88
86.00	5.10	0.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(37) CYCLOHEXANE (m)

10.476min (-0.041) 0.40PPBV

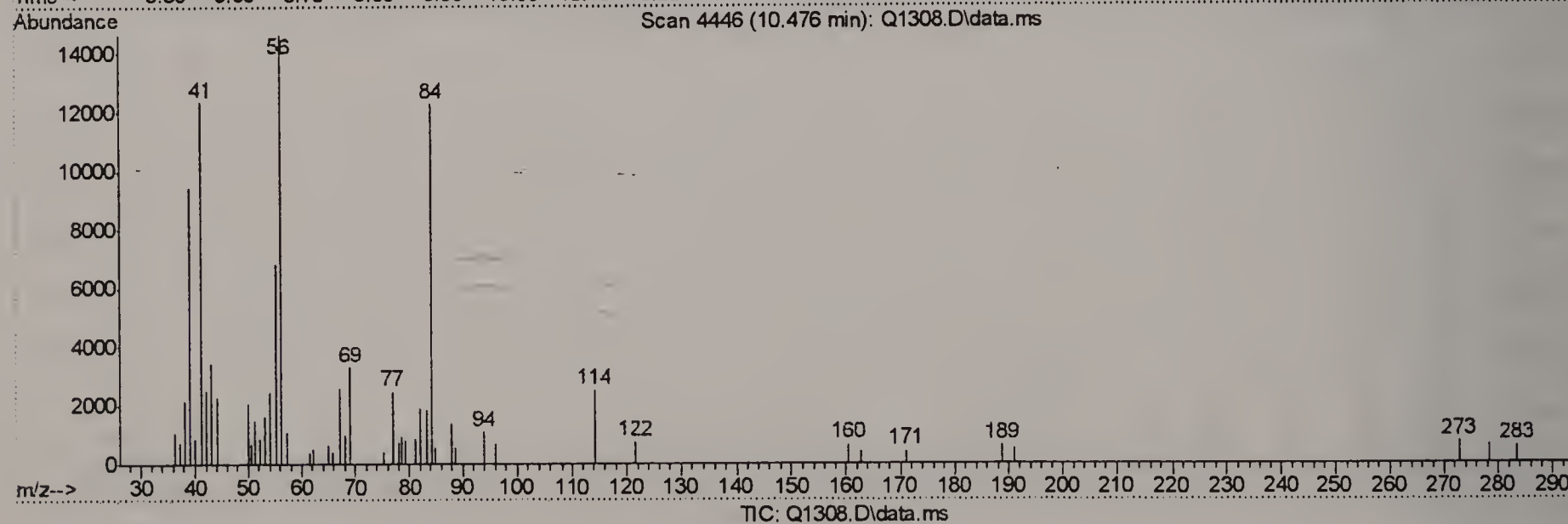
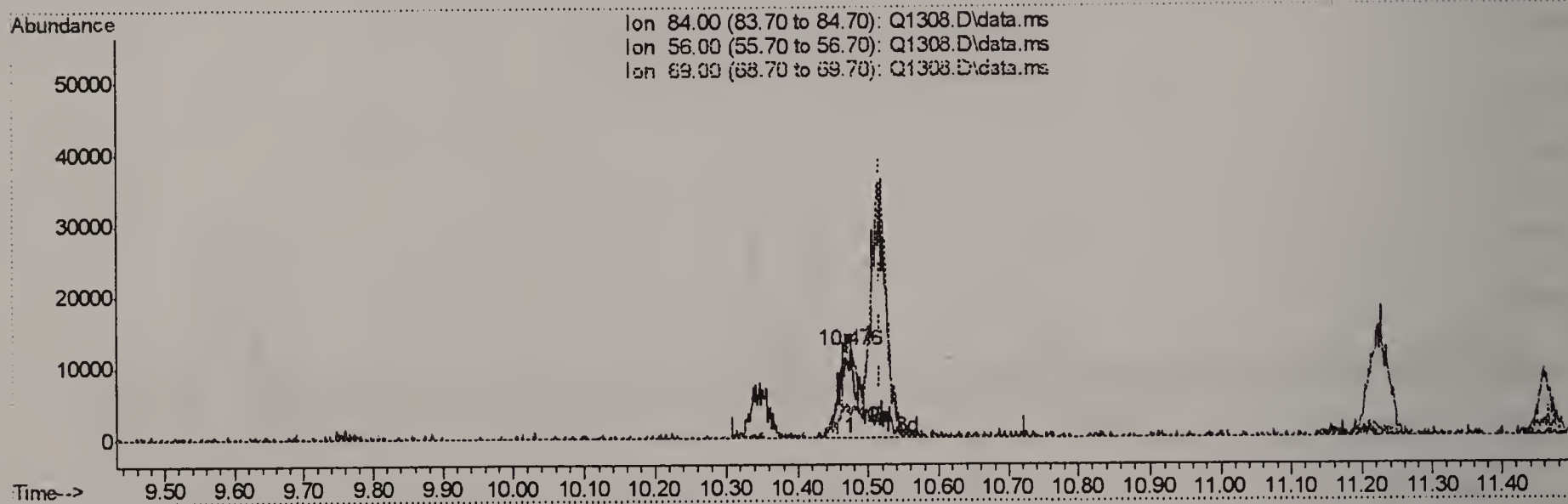
response 19762

Ion	Exp%	Act%
84.00	100	100
56.00	173.90	128.23#
69.00	41.30	22.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(37) CYCLOHEXANE (m)

10.476min (-0.041) 0.58PPBV m

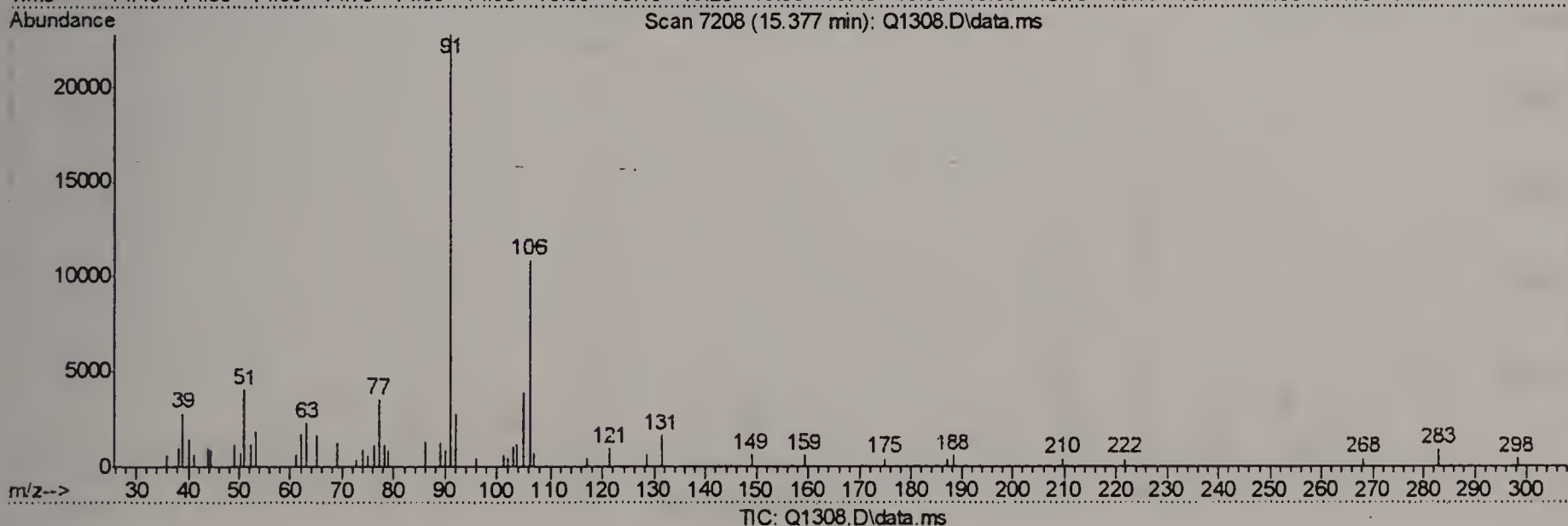
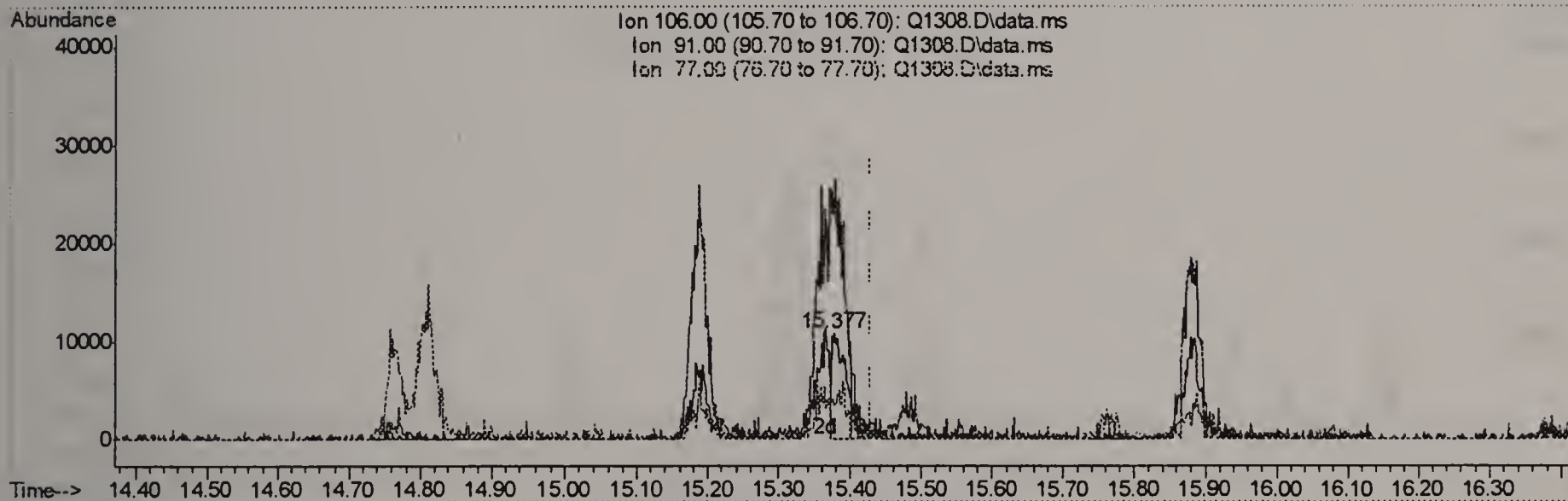
response 28888

Ion	Exp%	Act%
84.00	100	100
56.00	173.90	87.72#
69.00	41.30	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.377min (-0.052) 0.39PPBV

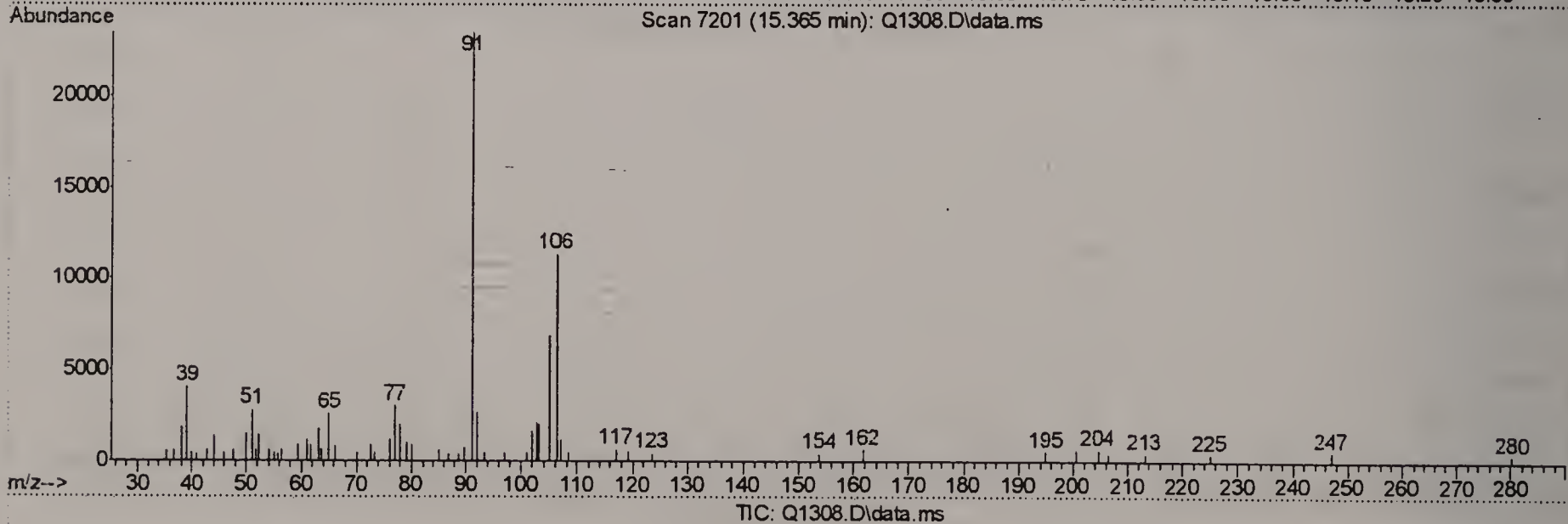
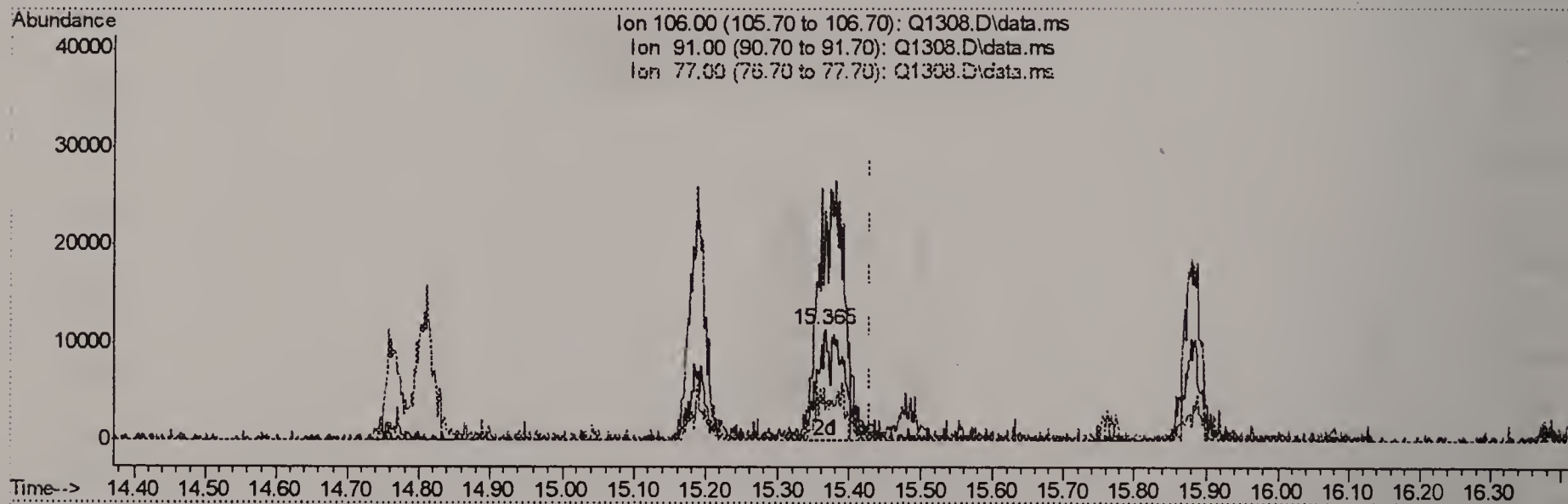
response 14644

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	210.30
77.00	31.80	32.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.064) 0.80PPBV m

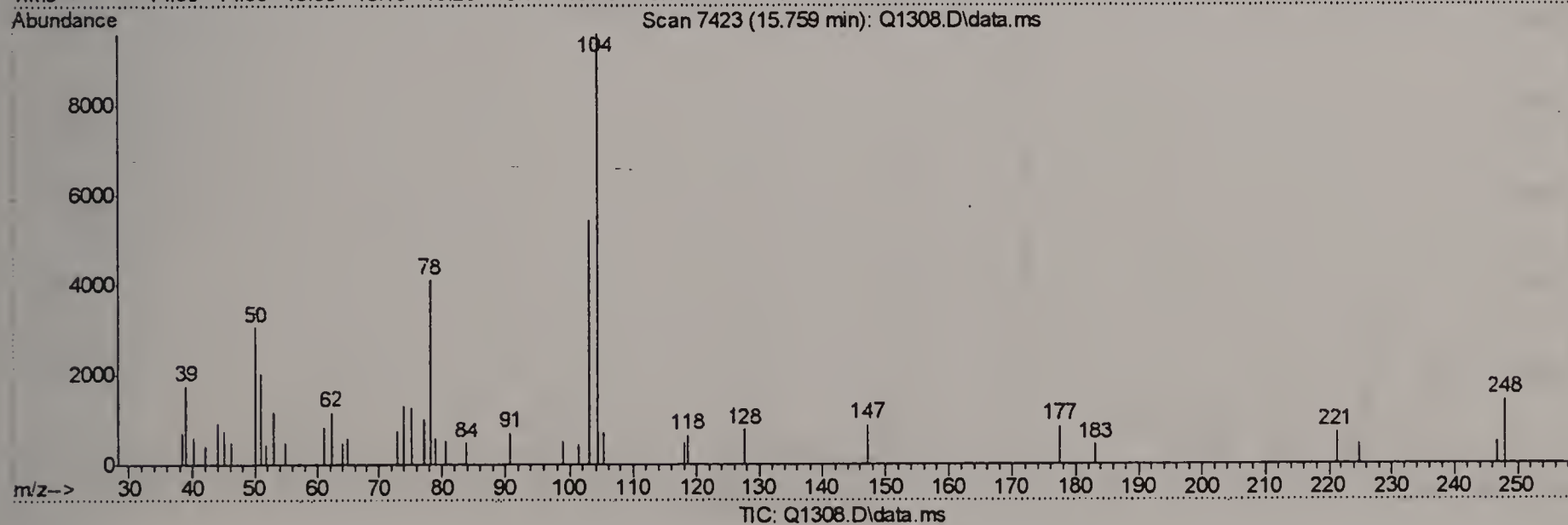
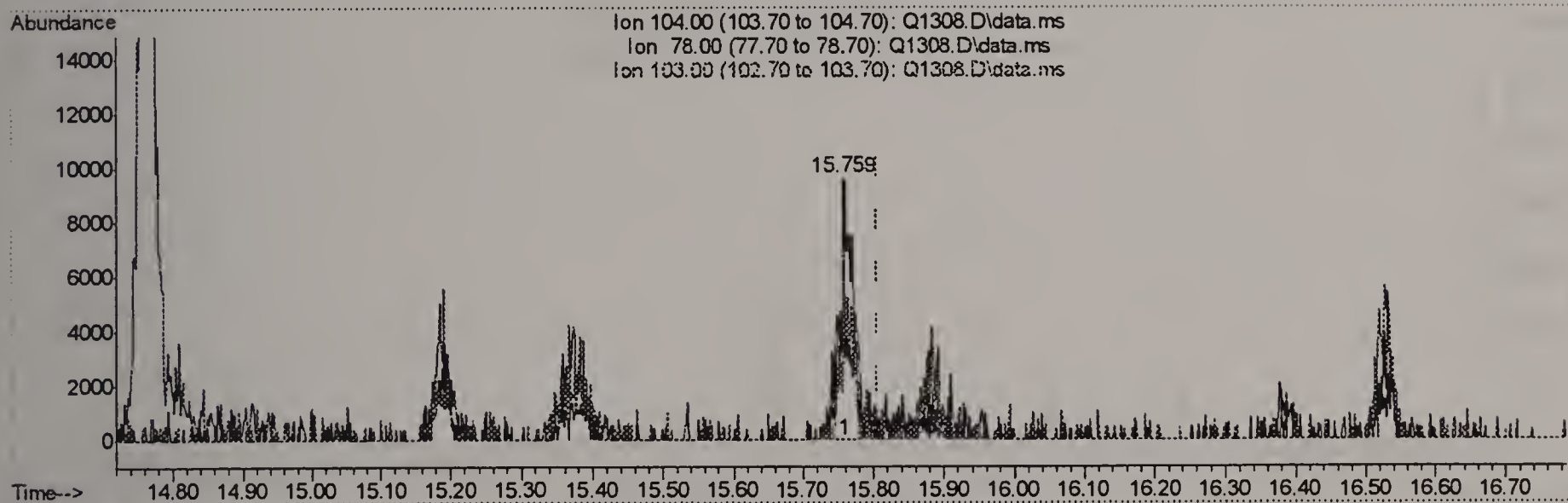
response 29860

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	207.40
77.00	31.80	26.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.759min (-0.048) 0.31PPBV

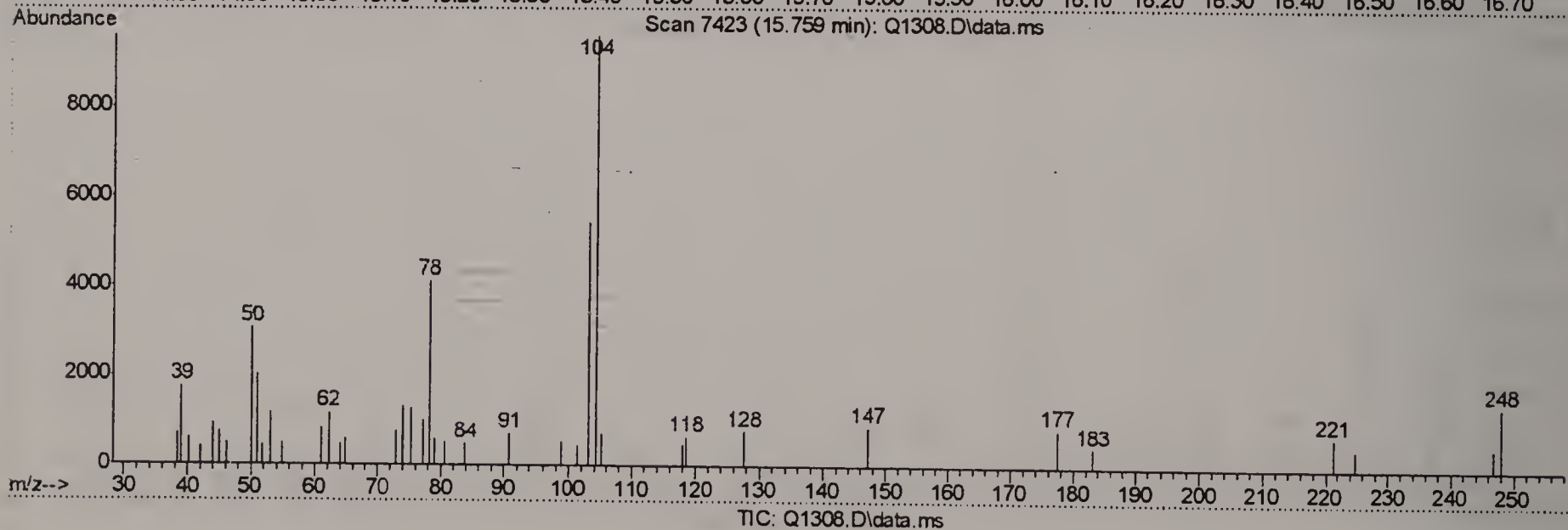
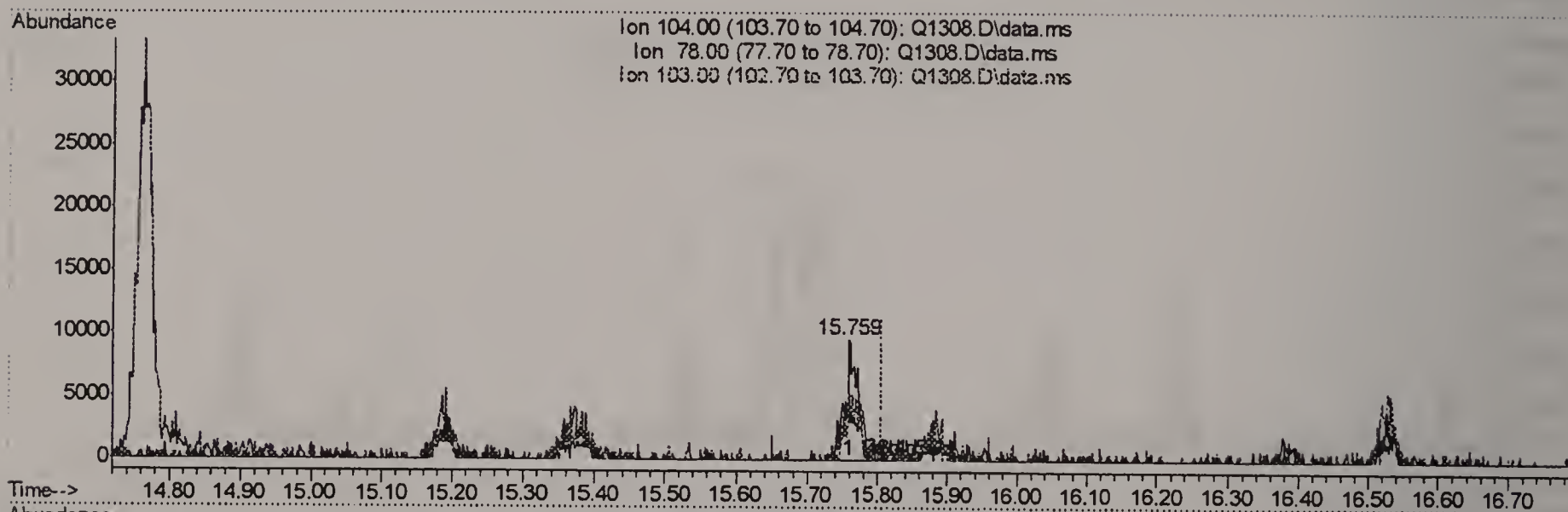
response 12804

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	56.71
103.00	46.10	52.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.759min (-0.048) 0.34PPBV m

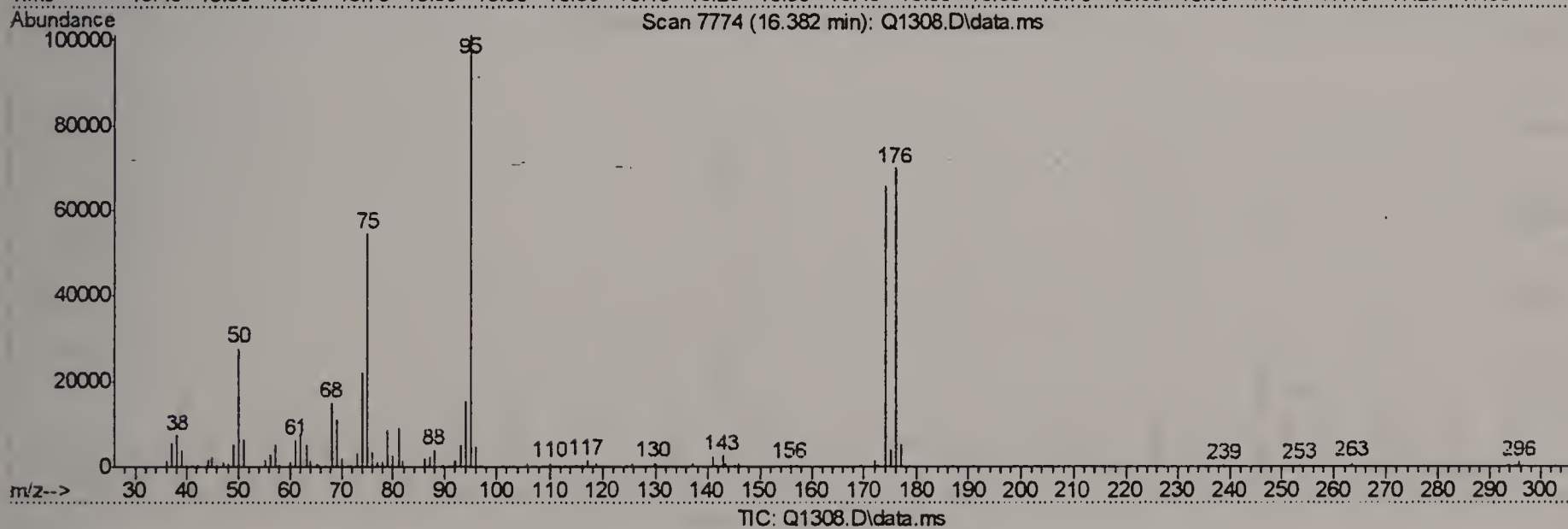
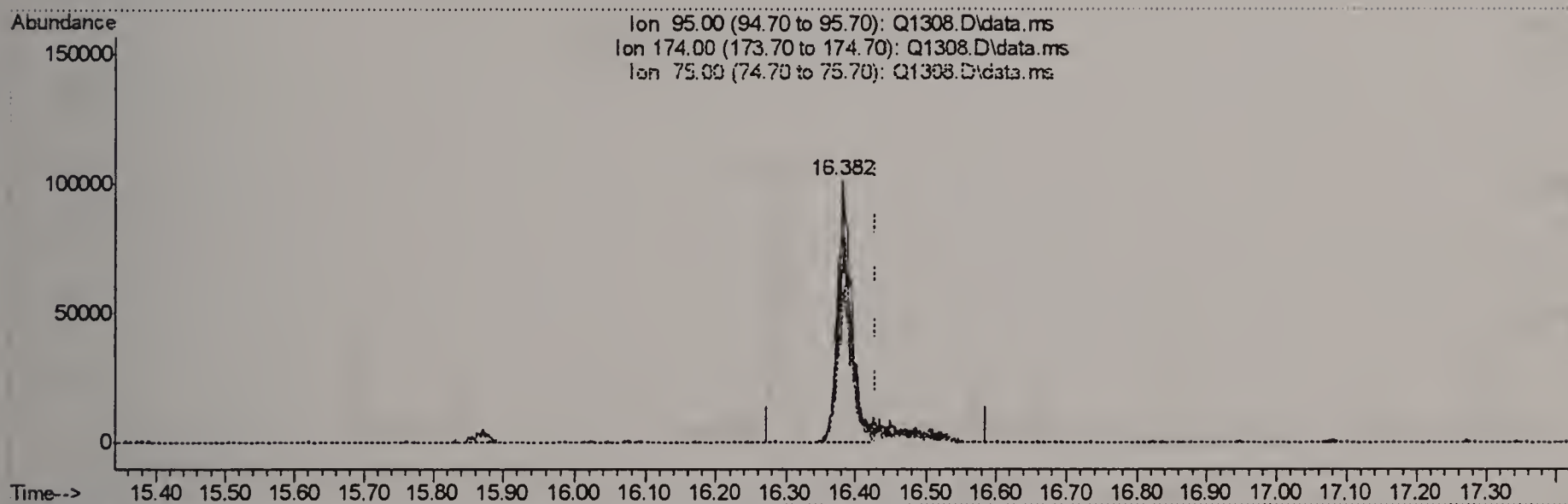
response 14030

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	51.75
103.00	46.10	47.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.93PPBV

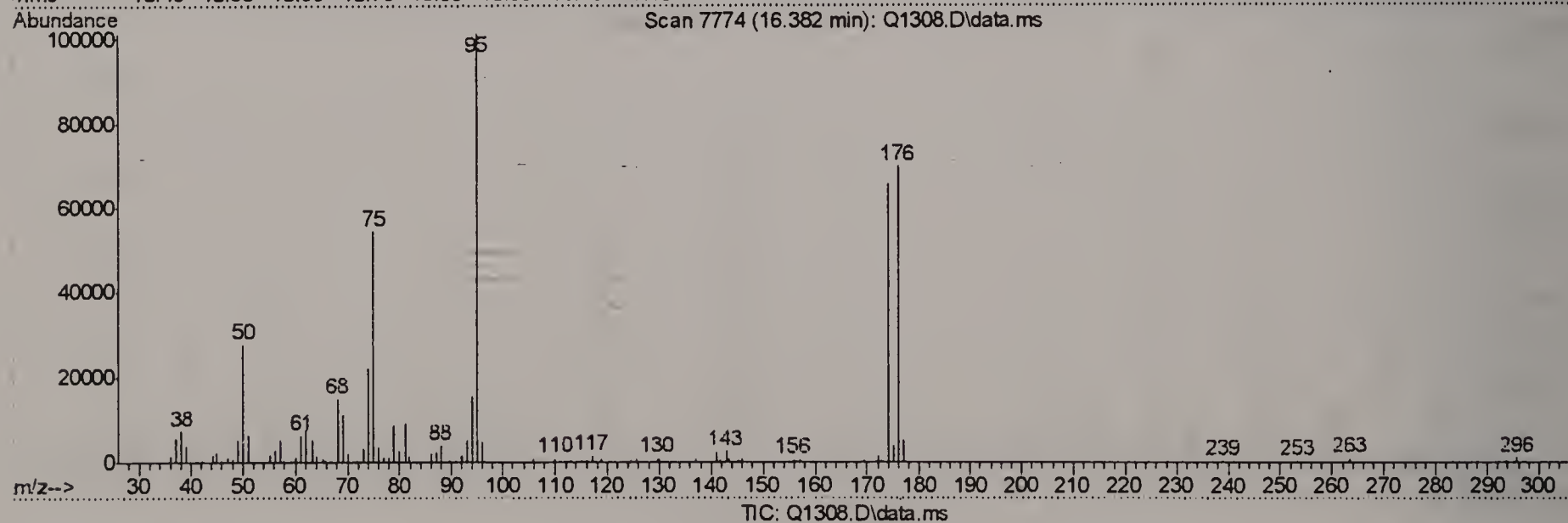
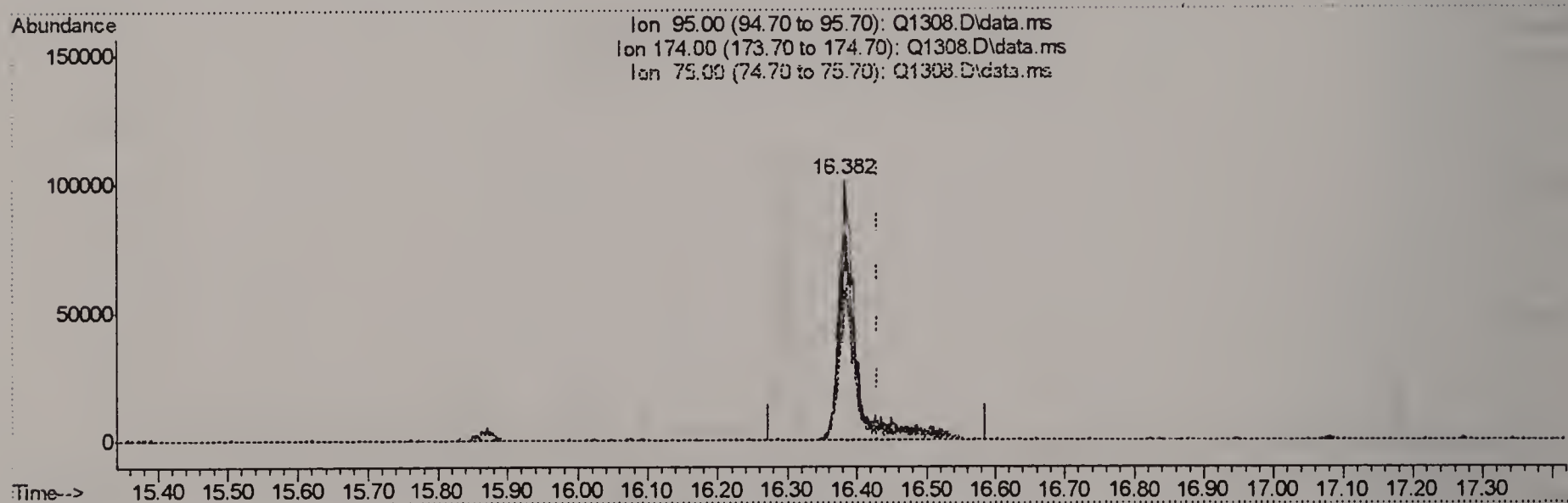
response 146670

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	79.90
75.00	52.30	63.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 4.77PPBV m

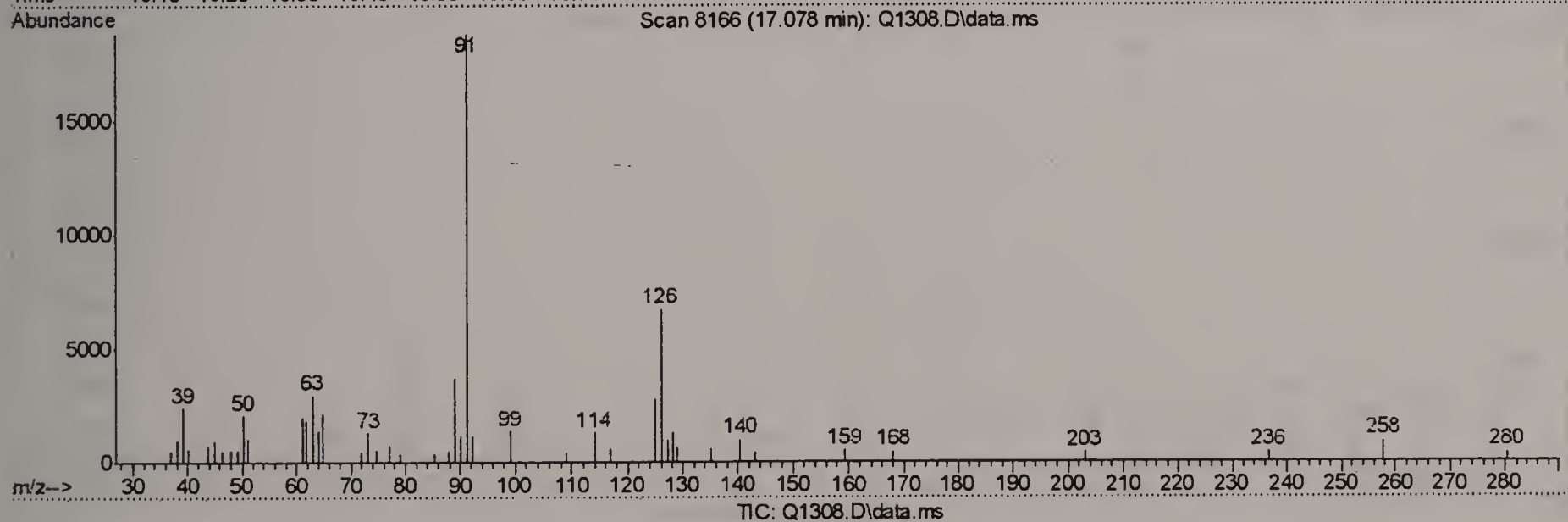
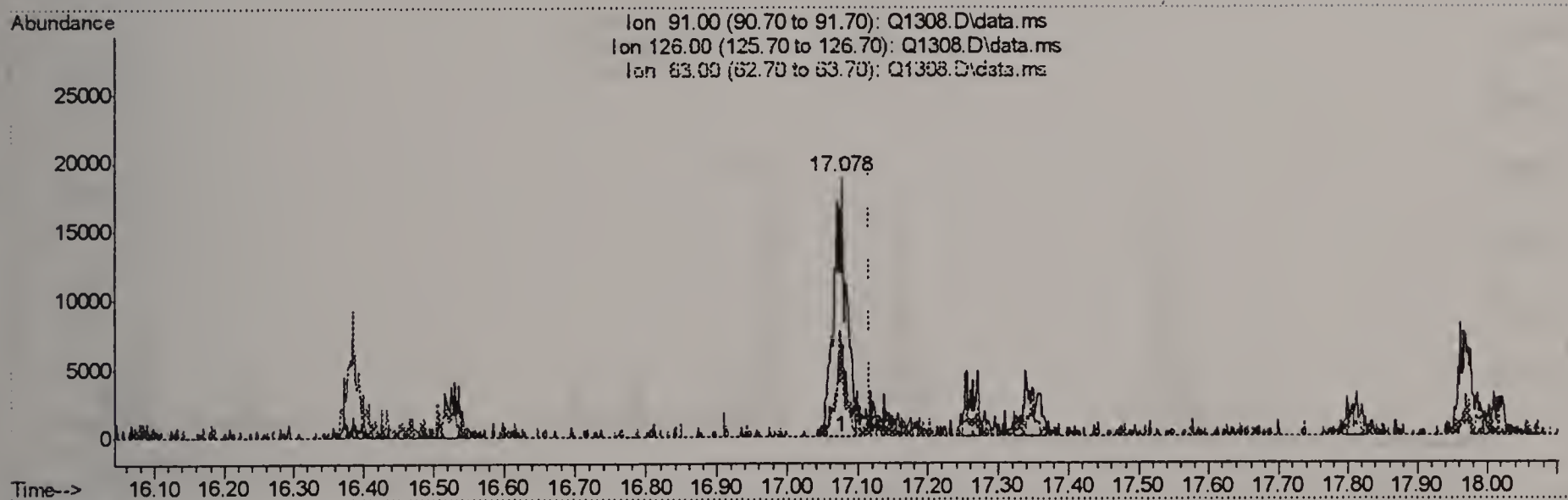
response 177761

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	65.93
75.00	52.30	52.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.078min (-0.040) 0.33PPBV

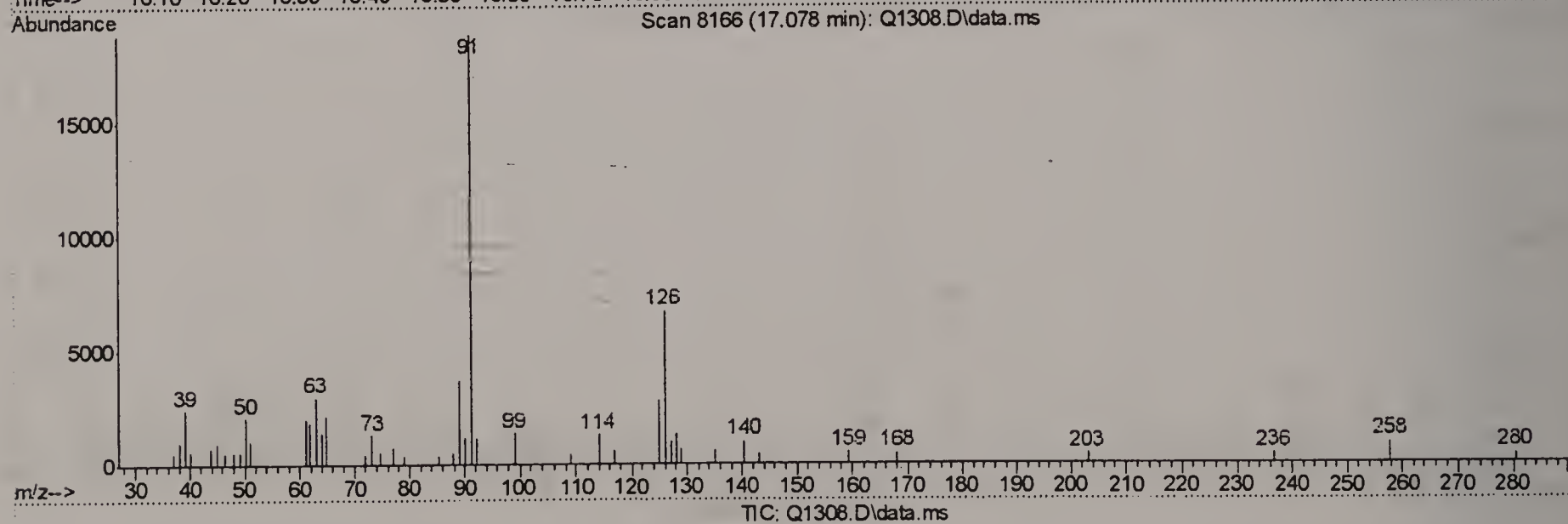
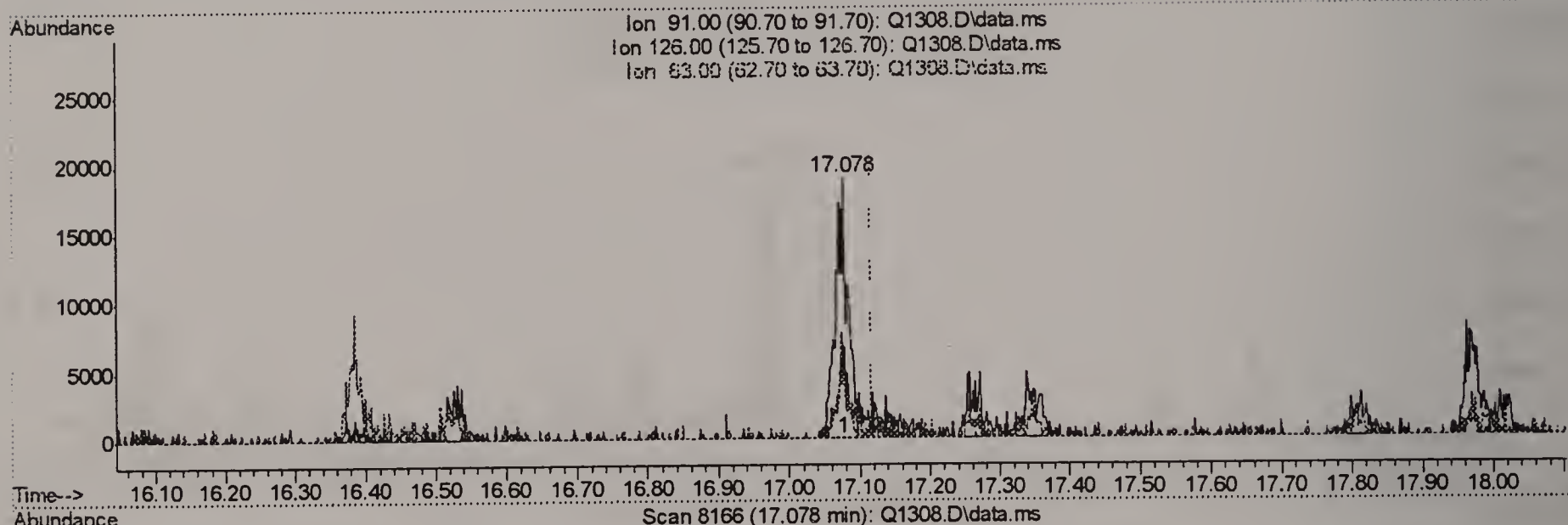
response 25161

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	33.49
63.00	17.80	26.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.078min (-0.040) 0.41PPBV m

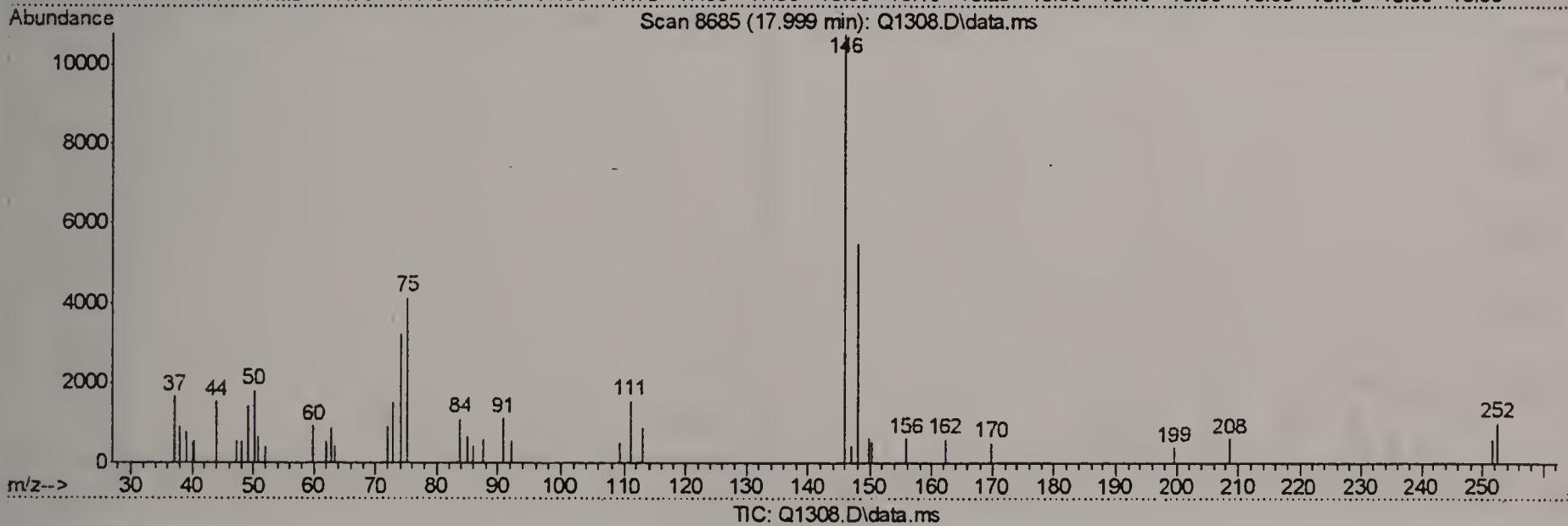
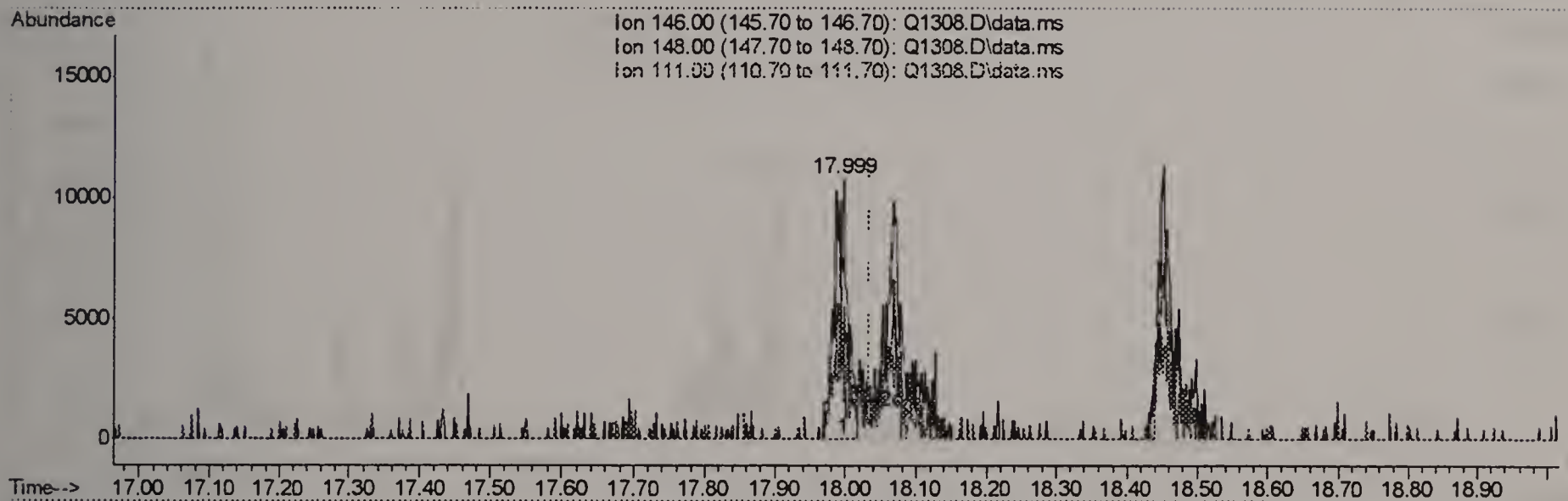
response 31330

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	26.90
63.00	17.80	21.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.37PPBV

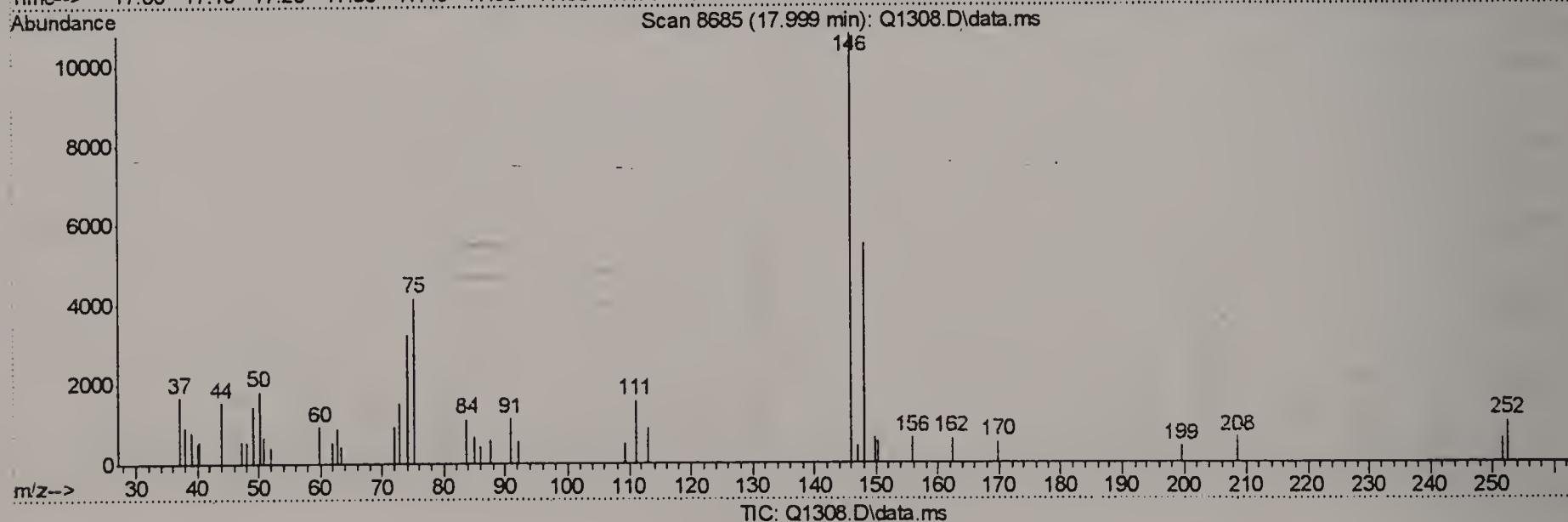
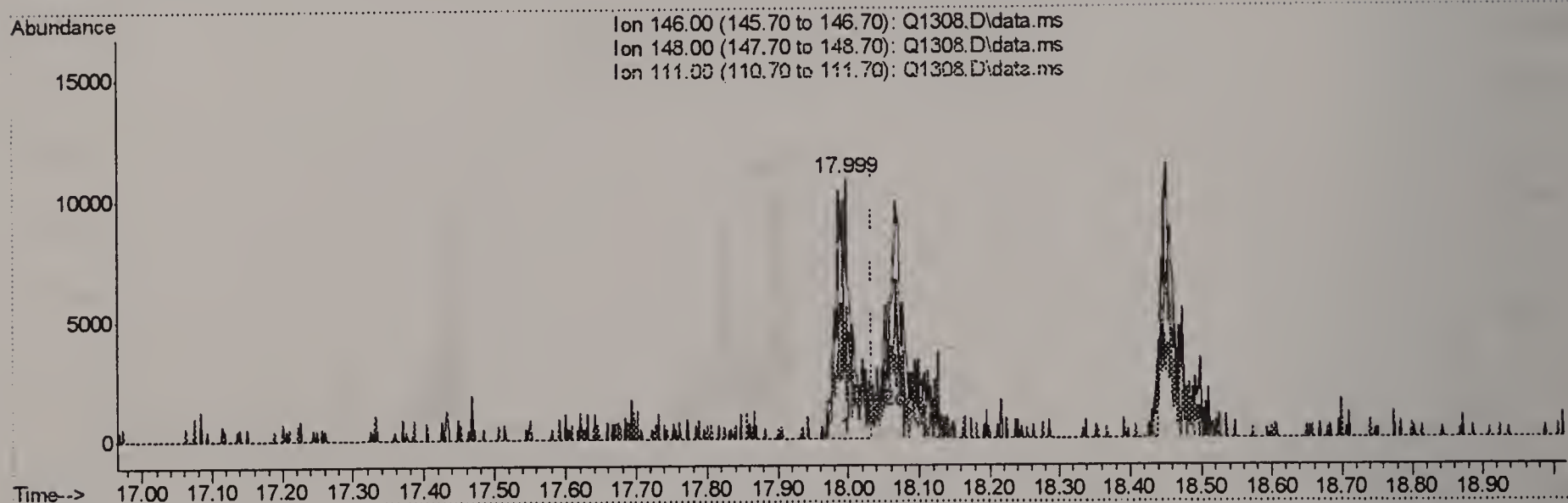
response 14794

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	59.82
111.00	44.00	38.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



TIC: Q1308.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.42PPBV m

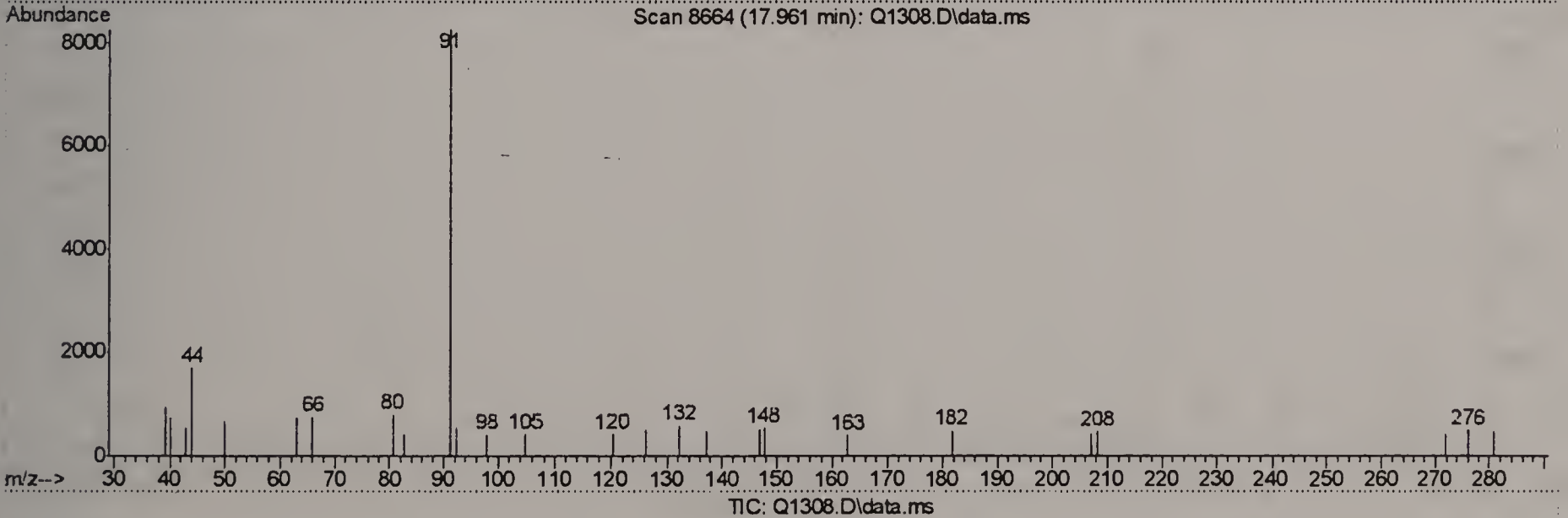
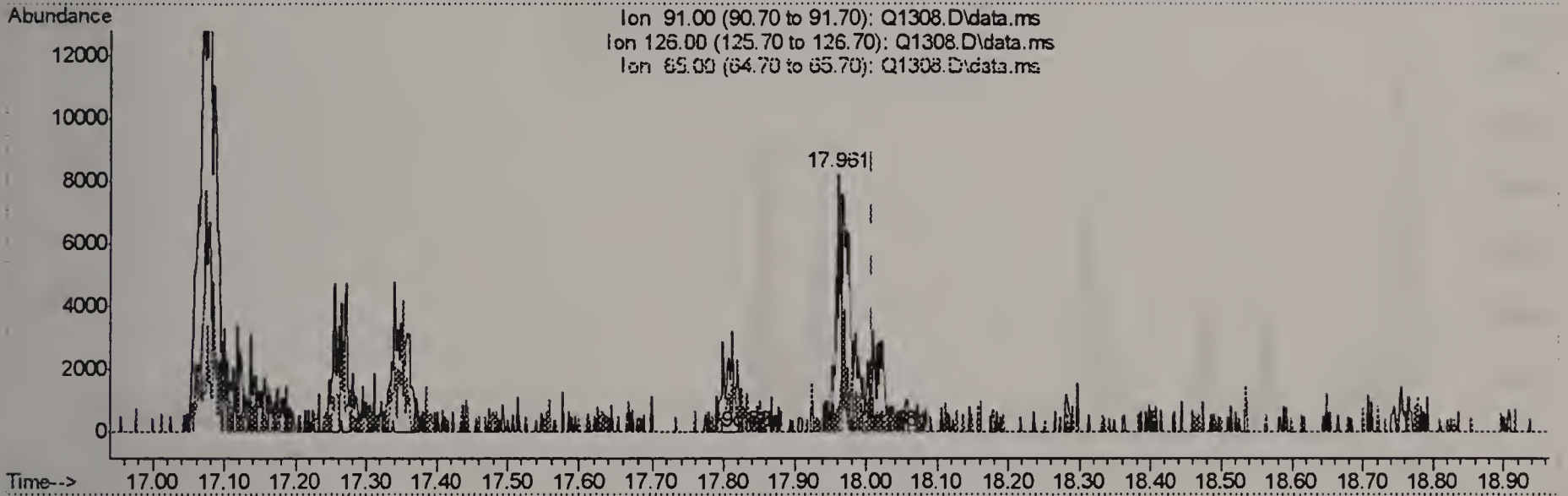
response 16580

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	53.38
111.00	44.00	34.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.961min (-0.048) 0.12PPBV

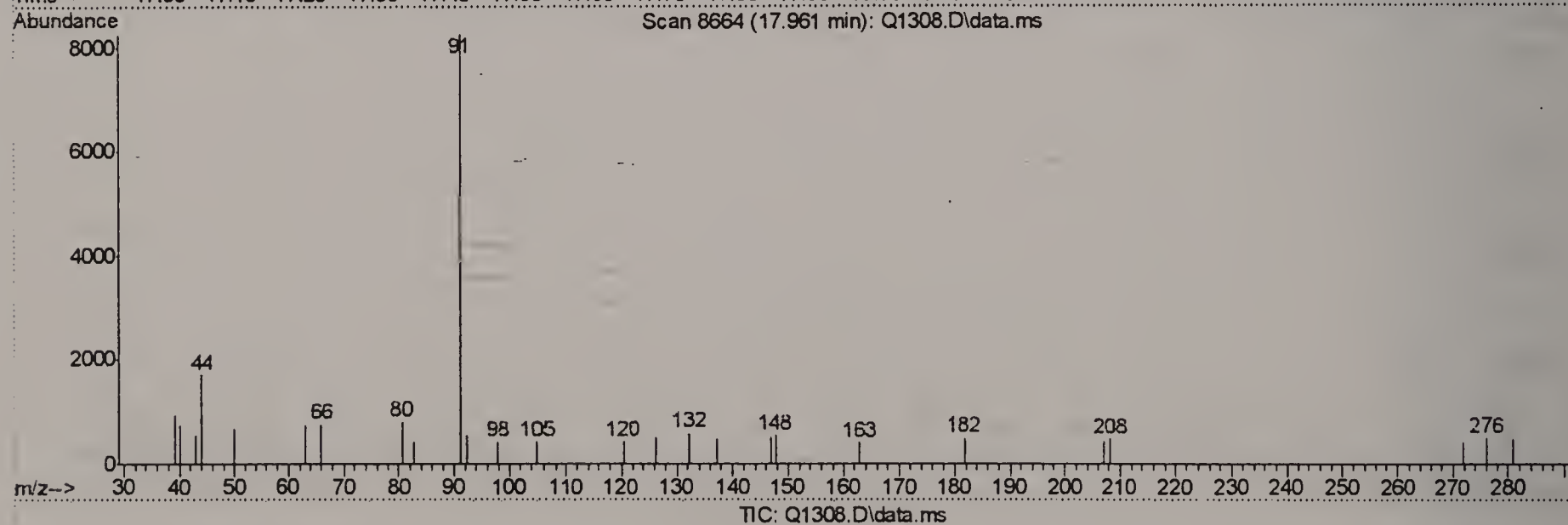
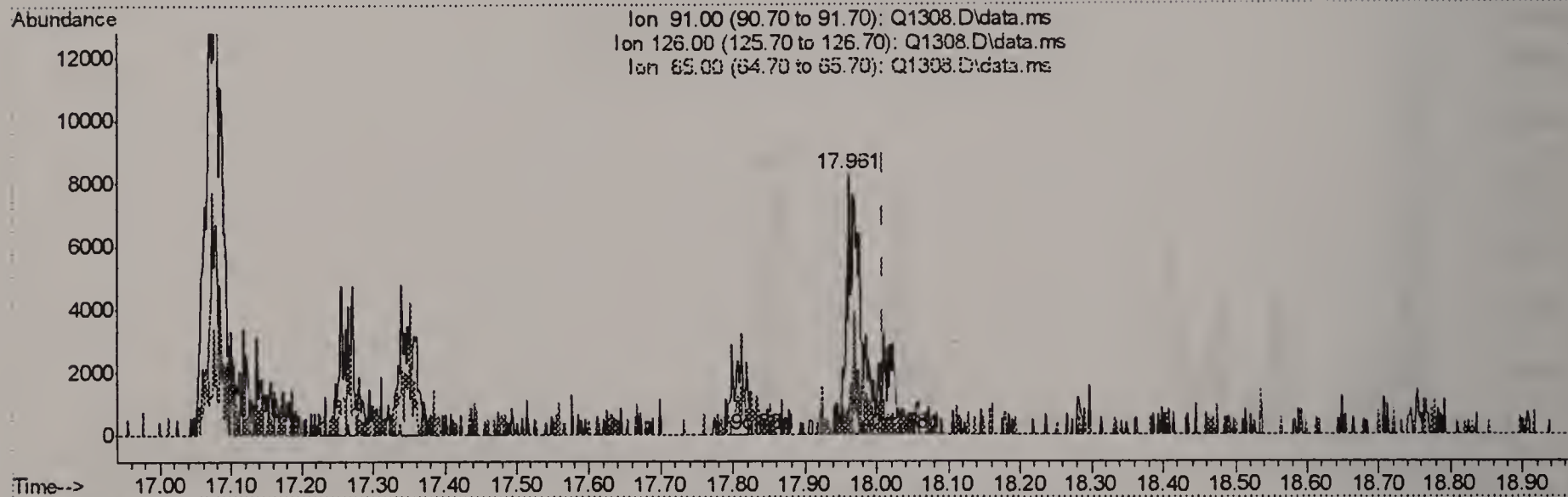
response 3845

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	3.59
65.00	14.40	5.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.961min (-0.048) 0.43PPBV m

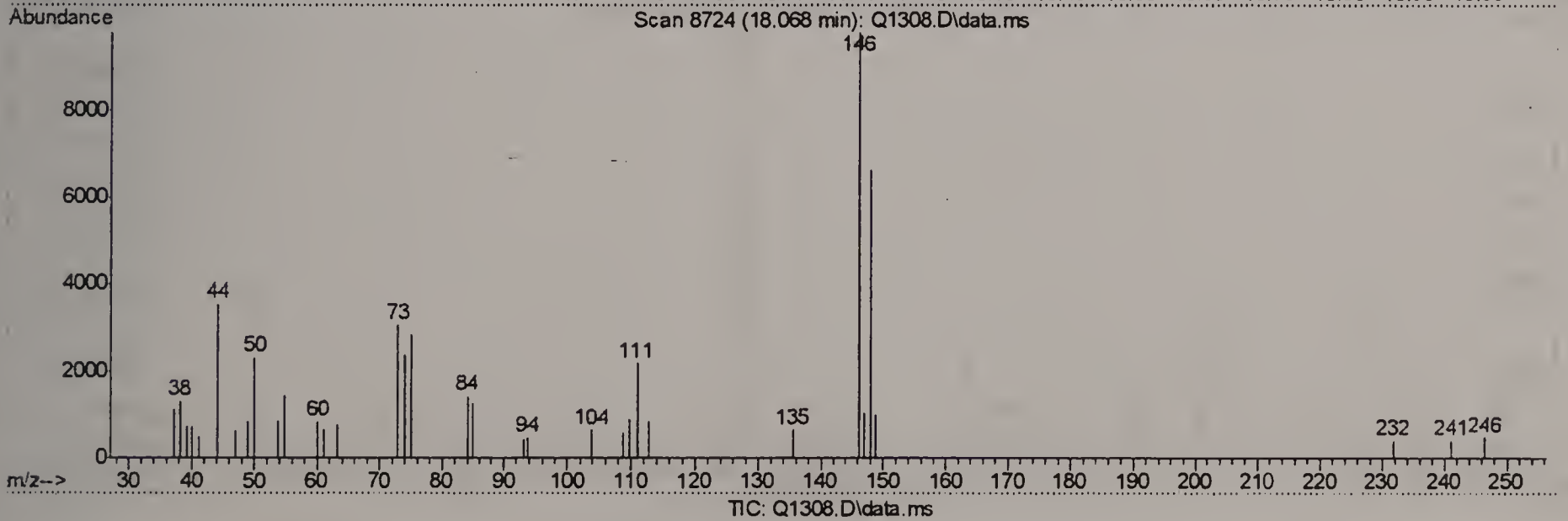
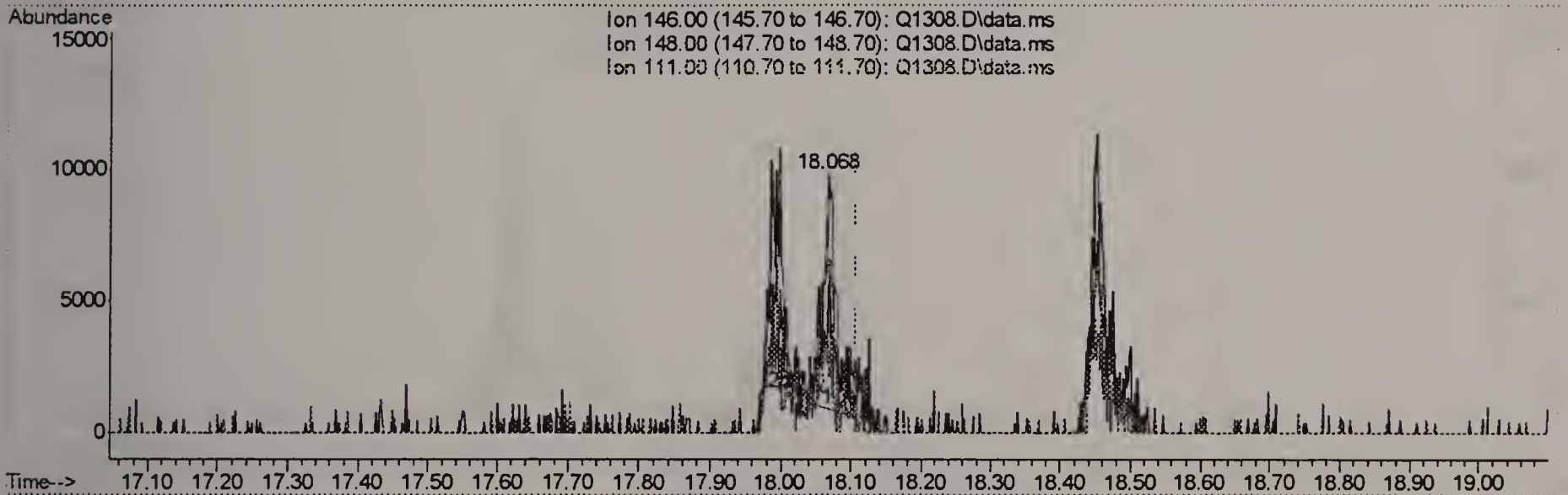
response 14404

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.96
65.00	14.40	1.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.25PPBV

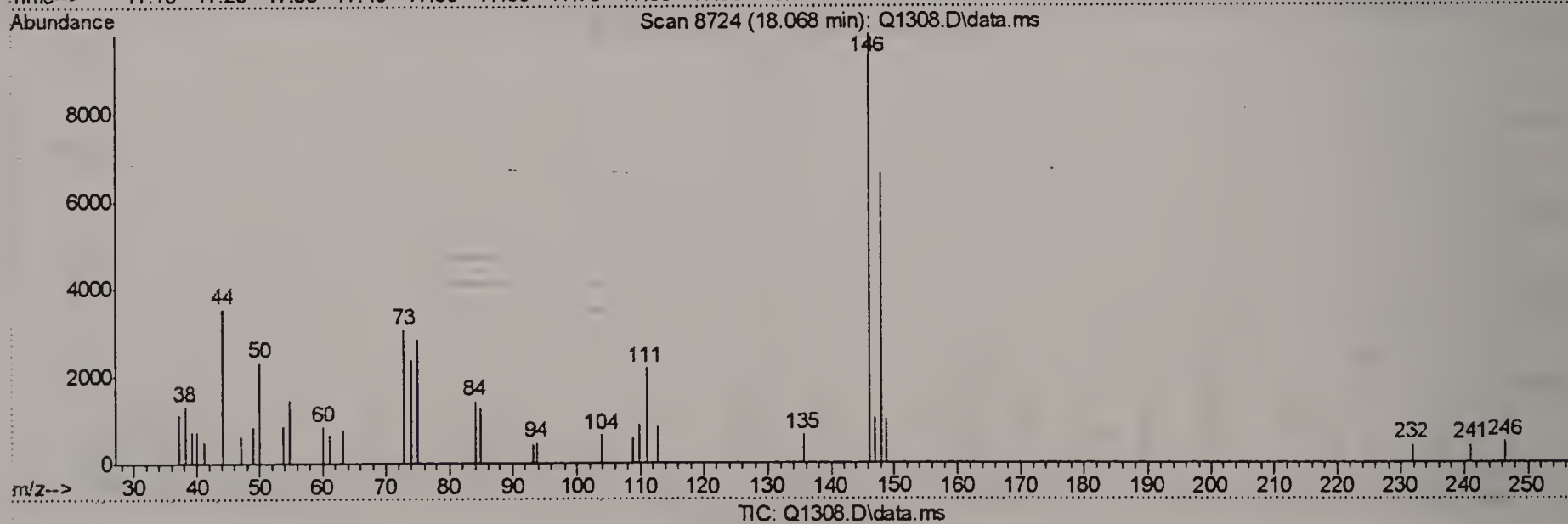
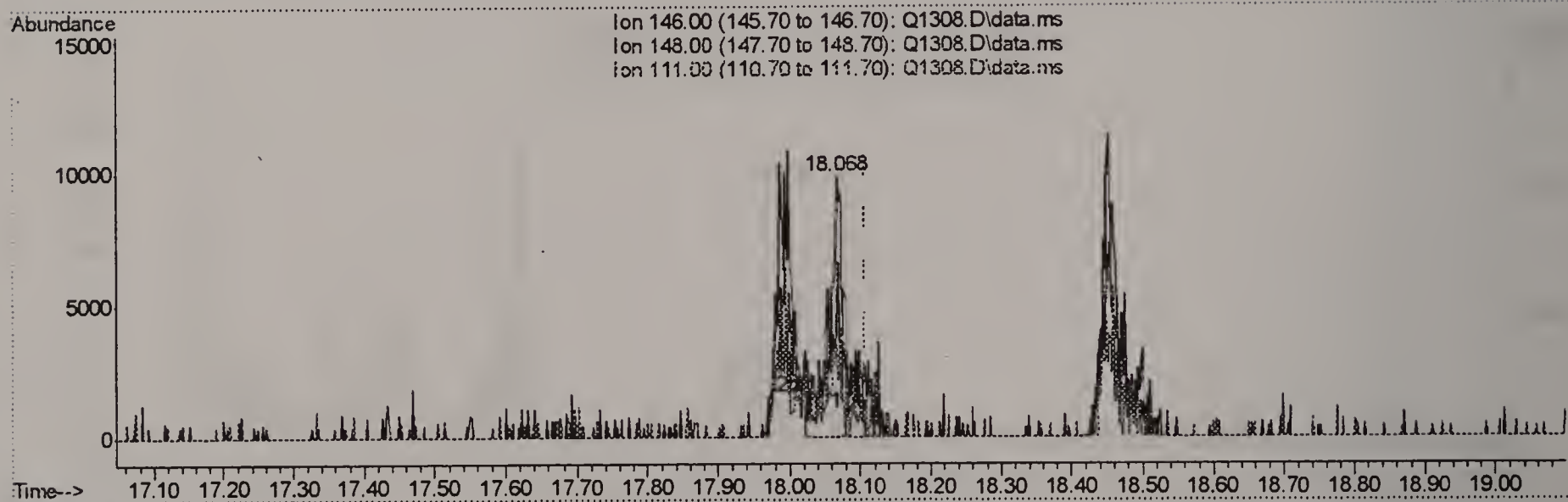
response 10630

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	50.99
111.00	42.40	40.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.45PPBV m

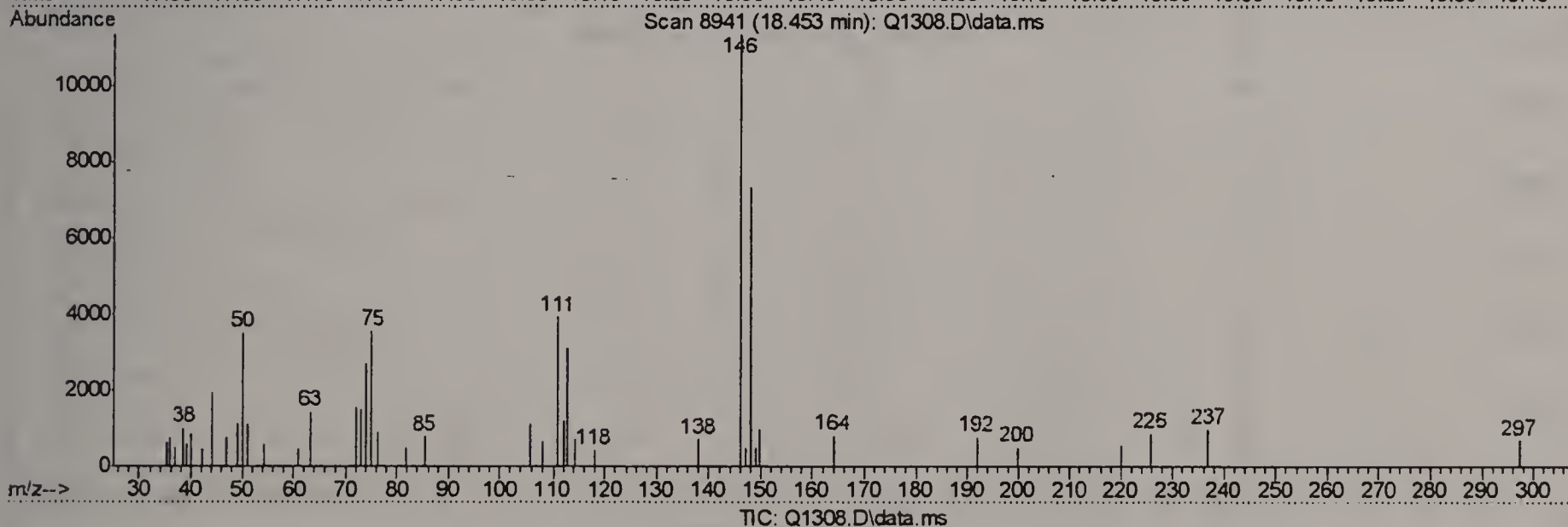
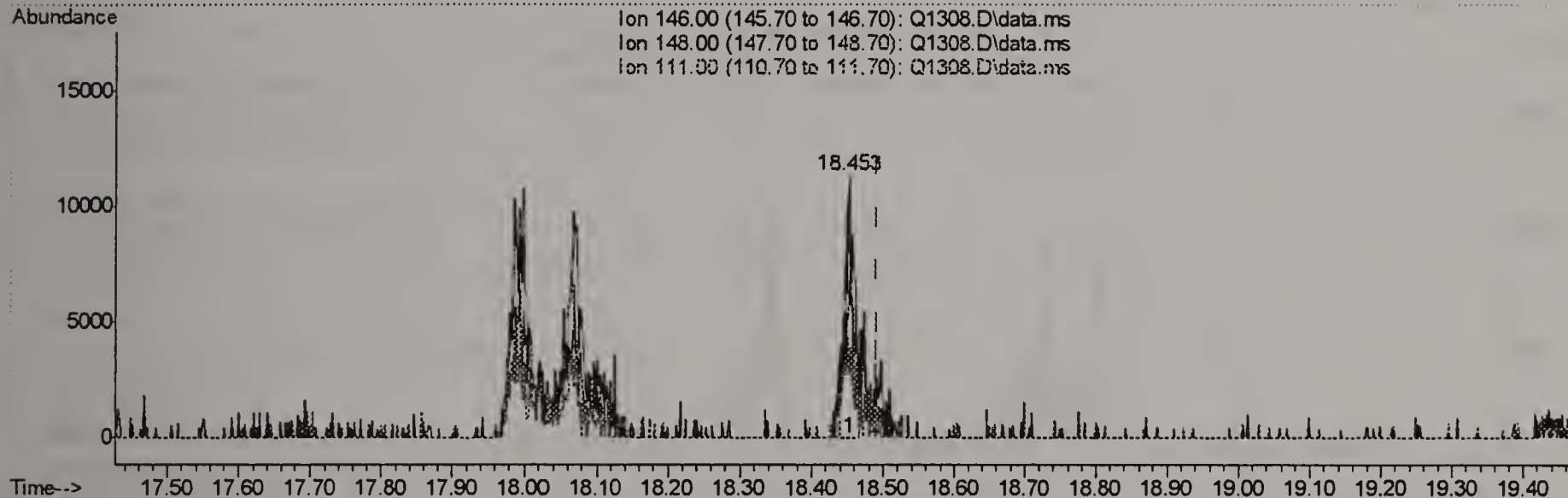
response 18949

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	28.60#
111.00	42.40	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.453min (-0.039) 0.30PPBV

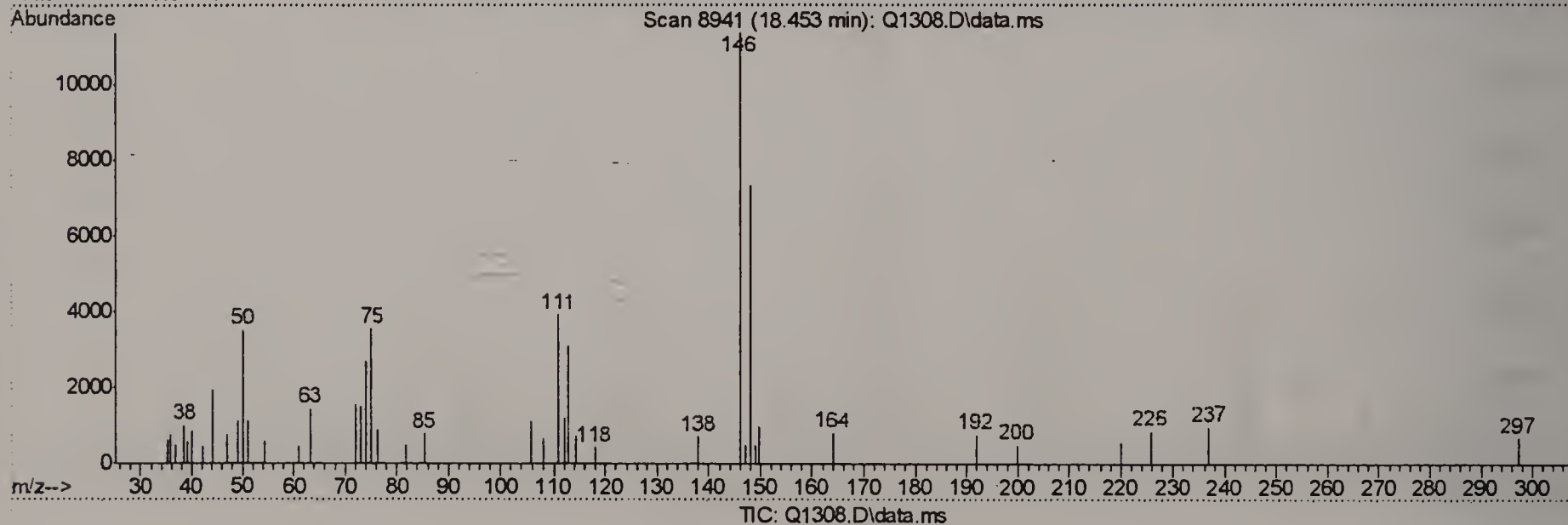
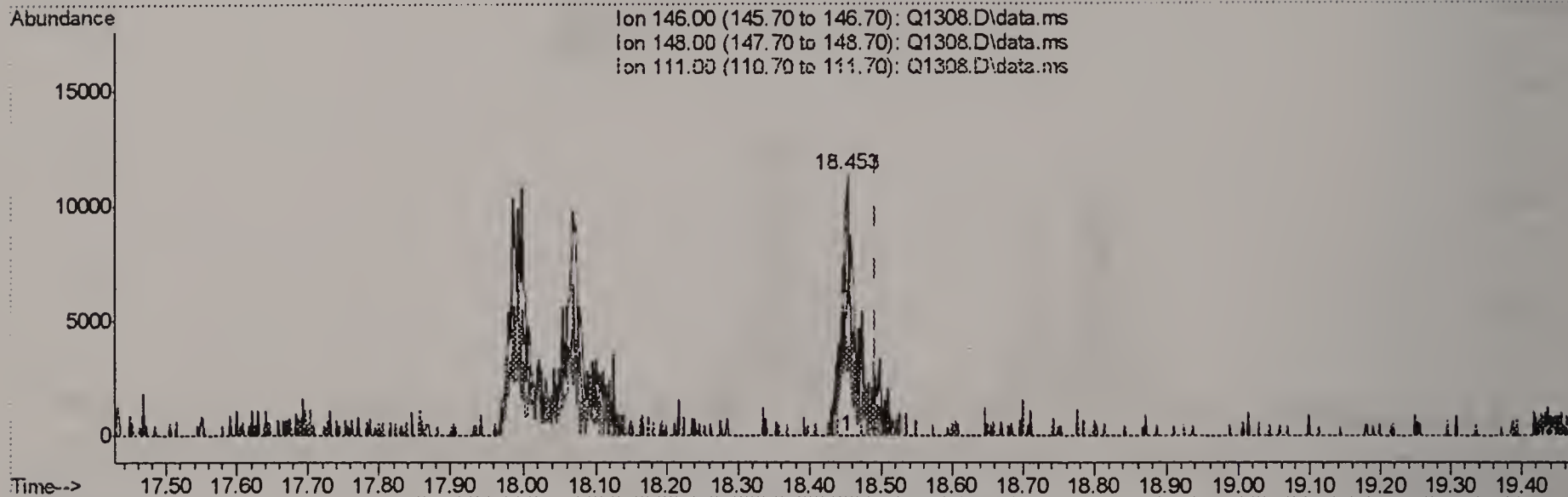
response 12358

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	89.40#
111.00	45.70	47.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration

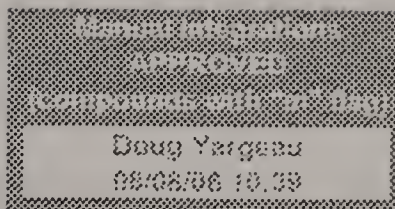


(71) o-DICHLOROBENZENE (m)

18.453min (-0.039) 0.44PPBV m

response 18214

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	60.66
111.00	45.70	31.95
0.00	0.00	0.00



Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	638106	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1575137	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	1067900	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE	16.382	95	299951	5.73	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	114.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2118786	7.48	PPBV	100
3) PROPYLENE	3.971	41	352351	7.75	PPBV	93
4) FREON 114	4.308	85	2101549	7.96	PPBV	97
5) CHLOROMETHANE	4.211	50	460250	6.74	PPBV	96
6) VINYL CHLORIDE	4.438	62	556953	7.32	PPBV	99
7) 1,3-BUTADIENE	4.576	39	531198	8.09	PPBV	81
8) BROMOMETHANE	4.857	94	588702	7.83	PPBV	98
9) CHLOROETHANE	5.029	64	262331	7.65	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.820	101	2690481	8.15	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735545	8.66	PPBV	90
12) ACETONE	5.623	43	955550	8.53	PPBV	89
13) PENTANE	6.177	42	581847	8.08	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.461	96	536415	7.73	PPBV	91
15) CARBON DISULFIDE	6.896	76	1595646	8.24	PPBV	89
16) ETHANOL	5.114	45	196895	8.01	PPBV	95
17) BROMOETHENE	5.398	106	496025	8.29	PPBV #	88
18) METHYLENE CHLORIDE	6.578	84	499408	6.13	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	828561	8.71	PPBV #	71
20) FREON 113	6.841	151	1456333	8.85	PPBV #	82
21) TRANS-1,2-DICHLOROETHY...	7.513	96	575901	8.03	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.470	59	587133	5.58	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.749	73	1649327	9.62	PPBV	92
24) TETRAHYDROFURAN	9.191	42	398355	10.20	PPBV	79
25) HEXANE	8.717	57	979920	8.68	PPBV	88
26) VINYL ACETATE	7.833	43	1688513	10.00	PPBV	97
27) 1,1-DICHLOROETHANE	7.712	63	1321984	8.44	PPBV	95
28) METHYL ETHYL KETONE	8.076	43	1247030	8.94	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.520	96	683546	8.57	PPBV	90
30) ETHYL ACETATE	8.713	43	2187388	9.06	PPBV	99
31) CHLOROFORM	8.802	83	1874567	9.33	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.762	97	1215983	9.22	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1402557	9.28	PPBV	99
34) 1,2-DICHLOROETHANE	9.515	62	720411	9.33	PPBV	97
36) BENZENE	10.202	78	1306010	9.77	PPBV	94
37) CYCLOHEXANE	10.470	84	532358	8.36	PPBV #	70
38) TRICHLOROETHYLENE	11.201	95	621987	9.49	PPBV	93
39) 1,2-DICHLOROPROPANE	10.980	63	438439	9.22	PPBV	90
40) BROMODICHLOROMETHANE	11.166	83	937589	9.31	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.224	57	2290072	9.30	PPBV	98
42) 1,4-DIOXANE	11.185	88	199490	10.07	PPBV #	81
43) HEPTANE	11.464	43	797218	9.93	PPBV	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration

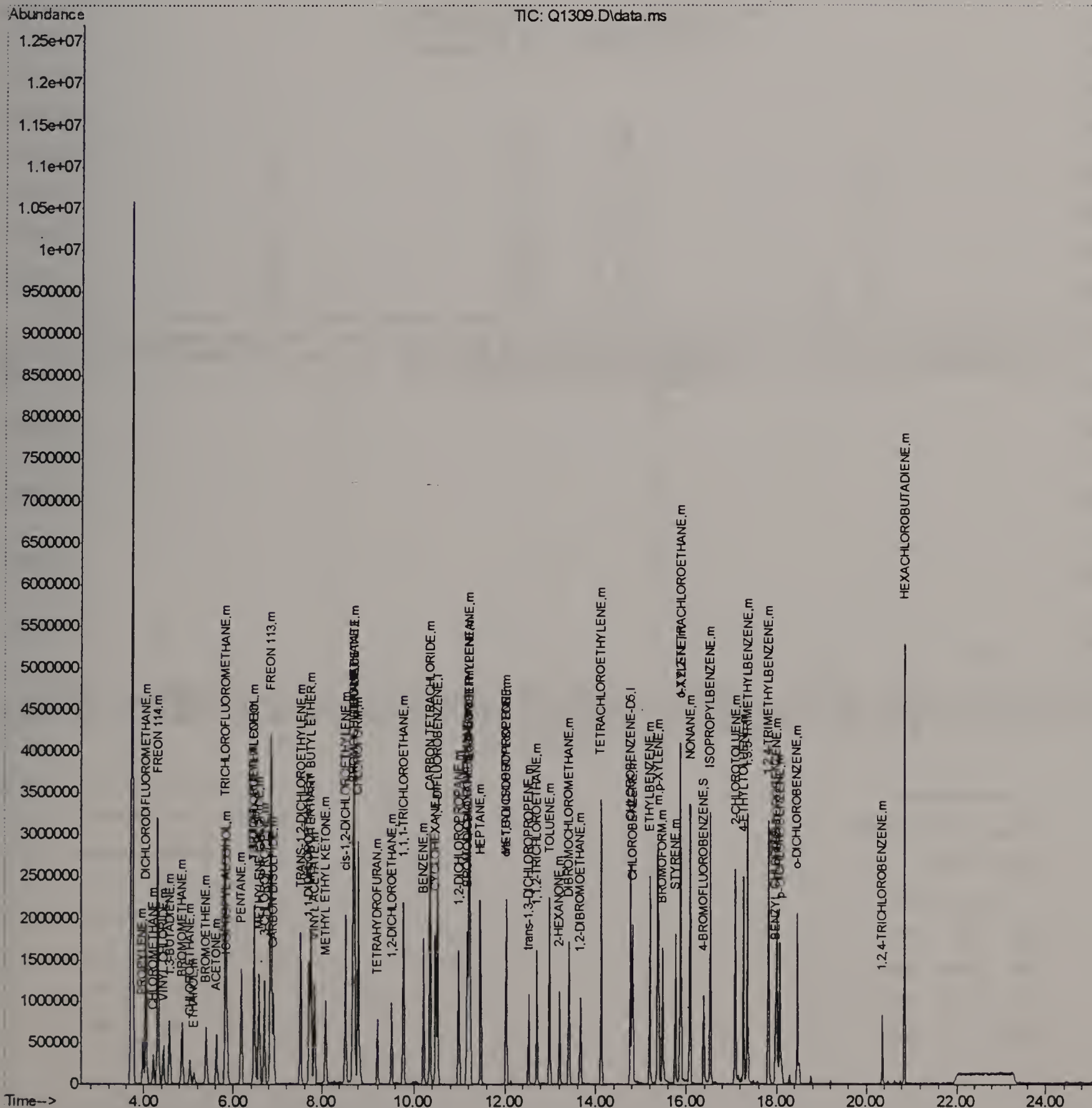
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.036	43	932150	10.07	PPBV	96
45) cis-1,3-DICHLOROPROPENE	12.018	75	612866	10.29	PPBV	94
46) TOLUENE	12.983	92	756926	10.70	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.518	75	446271	11.38	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.701	83	373640	9.51	PPBV	97
50) 2-HEXANONE	13.202	43	728495	10.48	PPBV	96
51) TETRACHLOROETHYLENE	14.114	164	545490	10.45	PPBV	90
52) DIBROMOCHLOROMETHANE	13.407	129	652950	9.63	PPBV	99
53) 1,2-DIBROMOETHANE	13.659	107	534270	9.54	PPBV	96
54) CHLOROBENZENE	14.809	112	764880	9.10	PPBV	93
55) ETHYLBENZENE	15.188	91	1534650	11.14	PPBV	98
56) m,p-XYLENE	15.384	106	1098599m	21.10	PPBV	
57) o-XYLENE	15.880	106	565144	10.91	PPBV	95
58) STYRENE	15.766	104	693257	12.17	PPBV	95
59) NONANE	16.082	43	1198321	10.32	PPBV	91
60) BROMOFORM	15.482	173	627450	11.32	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.871	83	927156	10.15	PPBV	97
63) ISOPROPYLBENZENE	16.527	105	1765539	10.96	PPBV	95
64) 2-CHLOROTOLUENE	17.076	91	1261998	11.30	PPBV	97
65) 4-ETHYLTOLUENE	17.260	105	1329278	12.58	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.347	105	1470346	11.88	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1369628	13.07	PPBV	96
68) m-DICHLOROBENZENE	17.993	146	664419	11.90	PPBV	96
69) BENZYL CHLORIDE	17.970	91	619562	13.34	PPBV	95
70) p-DICHLOROBENZENE	18.068	146	656788	11.24	PPBV	91
71) o-DICHLOROBENZENE	18.451	146	669874	11.55	PPBV	97
72) HEXACHLOROBUTADIENE	20.844	225	606342	11.01	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.354	180	162028	11.43	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1309.D
Acq On : 7 Aug 2006 4:12 pm
Operator : PhilipB
Sample : ICC68-10 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

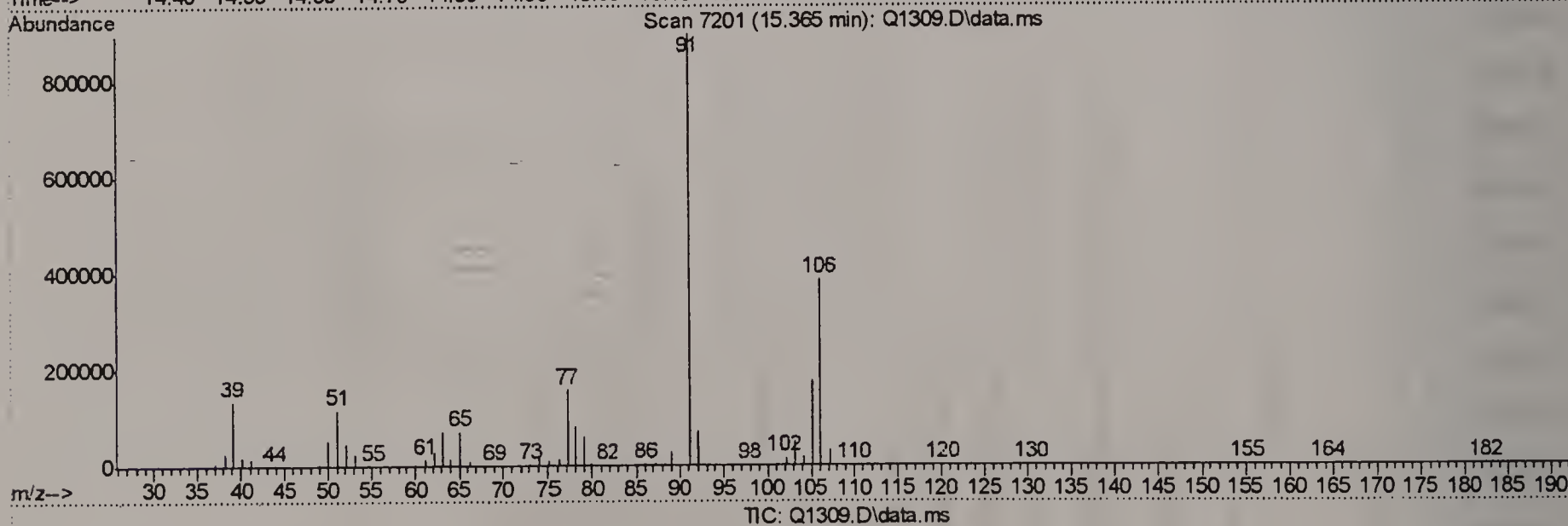
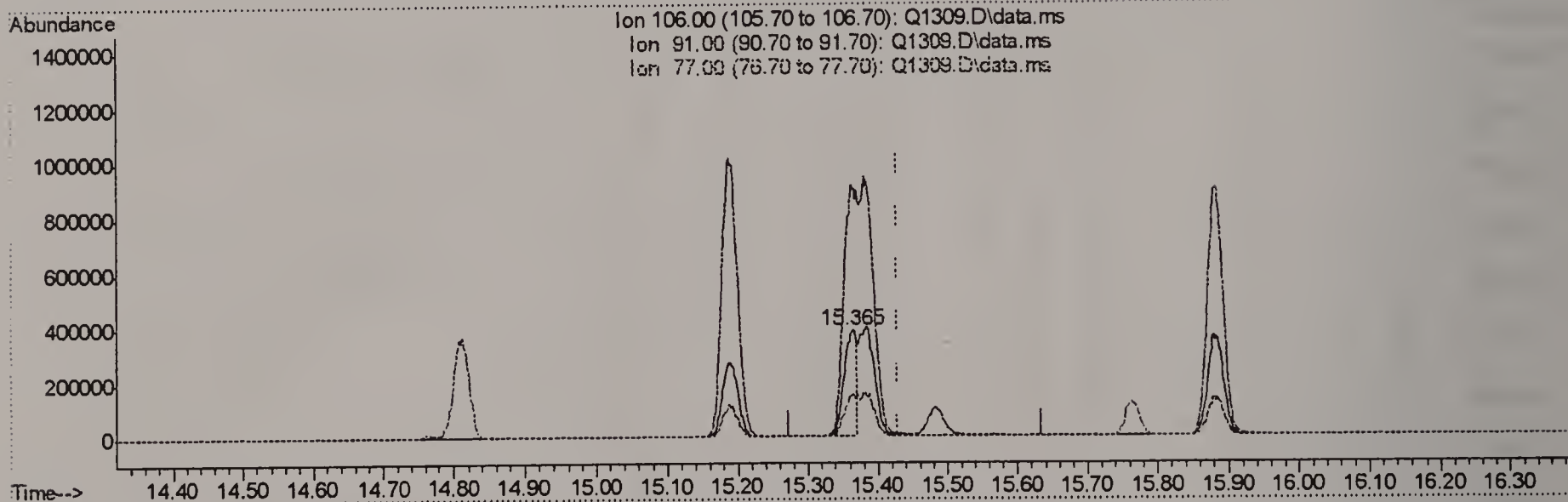
Quant Time: Aug 07 18:49:13 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:48:29 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.064) 9.21PPBV

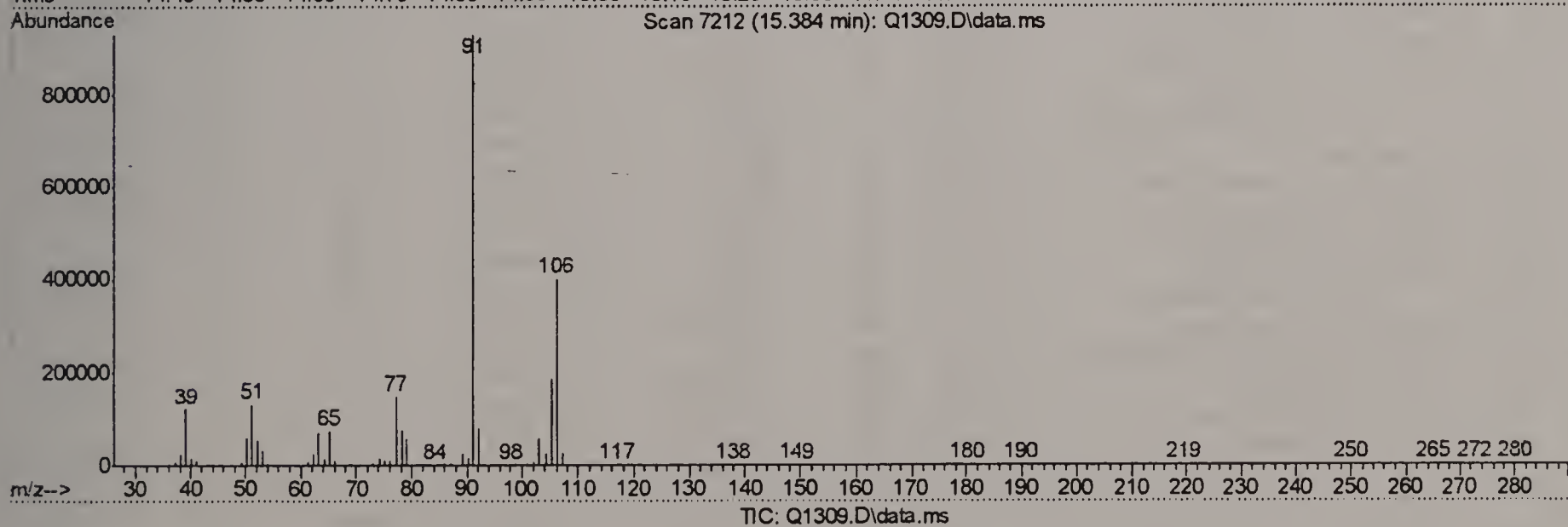
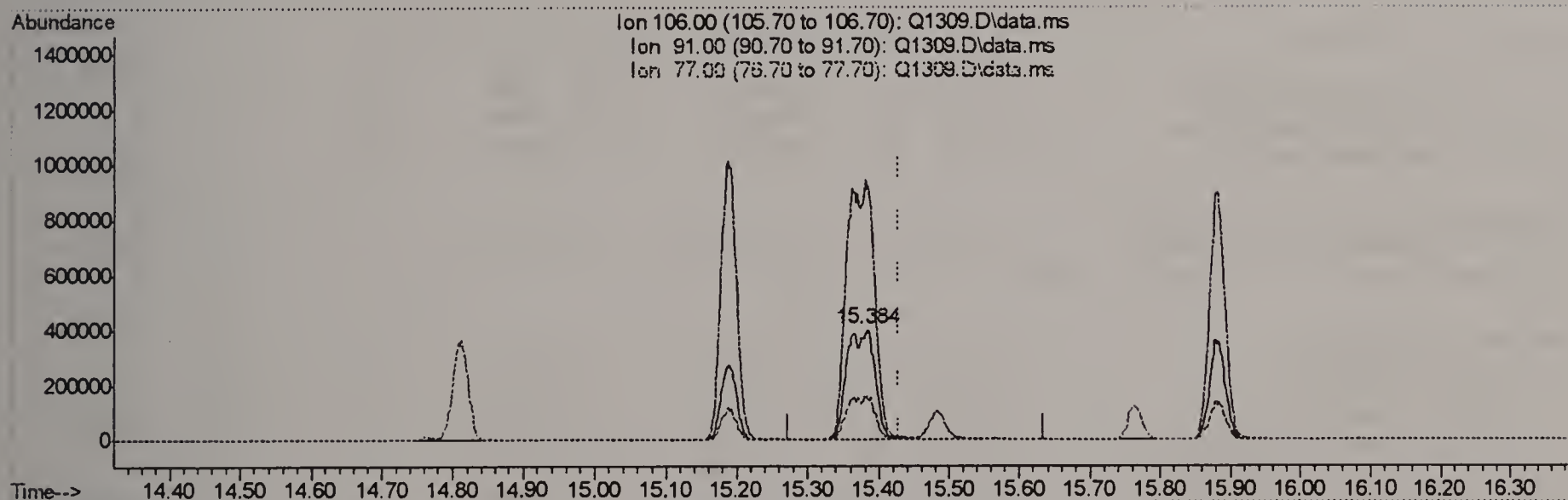
response 479347

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	232.23
77.00	31.80	40.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



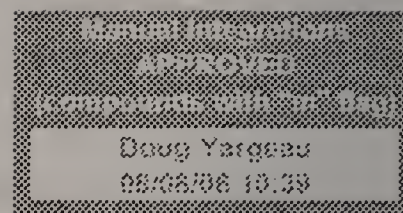
(56) m,p-XYLENE (m)

15.384min (-0.045) 21.10PPBV m

response 1098599

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	231.18
77.00	31.80	36.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:59:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	405882	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1076973	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	644742	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	130143m	4.02	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	80.40%

Target Compounds

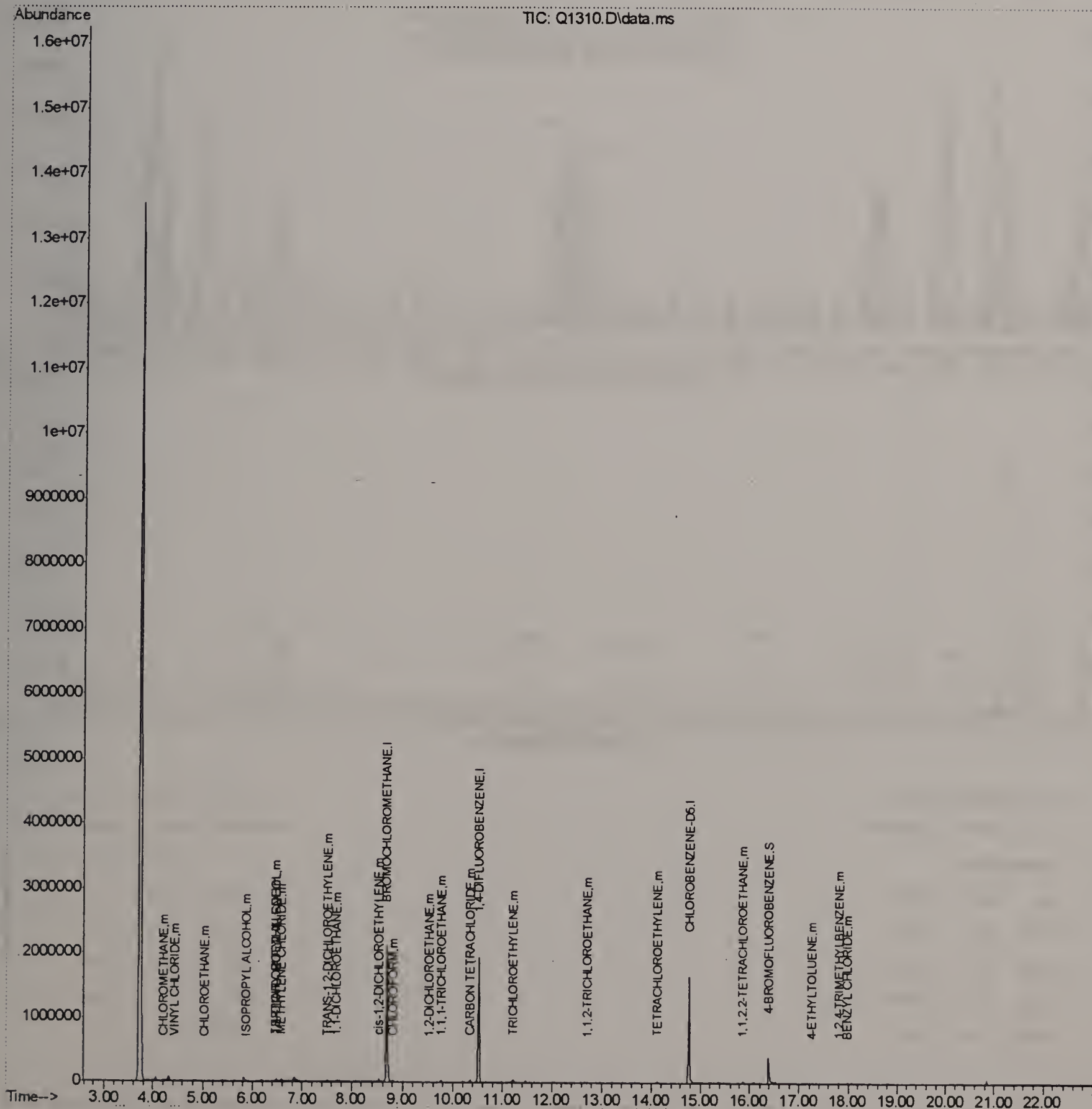
						Qvalue
5) CHLOROMETHANE	4.211	50	12057m	0.30	PPBV	
6) VINYL CHLORIDE	4.438	62	11932	0.26	PPBV #	52
9) CHLOROETHANE	5.041	64	5513m	0.26	PPBV	
11) ISOPROPYL ALCOHOL	5.872	45	12972m	0.28	PPBV	
14) 1,1-DICHLOROETHYLENE	6.466	96	10873m	0.26	PPBV	
18) METHYLENE CHLORIDE	6.584	84	18216	0.38	PPBV	75
21) TRANS-1,2-DICHLOROETHY...	7.501	96	10377m	0.23	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.475	59	17306m	0.31	PPBV	
27) 1,1-DICHLOROETHANE	7.702	63	22292	0.23	PPBV	80
29) cis-1,2-DICHLOROETHYLENE	8.513	96	11669	0.23	PPBV #	77
31) CHLOROFORM	8.809	83	18561	0.15	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.760	97	18252	0.22	PPBV #	77
33) CARBON TETRACHLORIDE	10.351	117	22182	0.23	PPBV	87
34) 1,2-DICHLOROETHANE	9.519	62	9867	0.20	PPBV	98
38) TRICHLOROETHYLENE	11.200	95	7560	0.17	PPBV #	84
48) 1,1,2-TRICHLOROETHANE	12.701	83	4502	0.16	PPBV	92
51) TETRACHLOROETHYLENE	14.112	164	5766m	0.17	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.867	83	9699	0.17	PPBV	85
65) 4-ETHYLTOLUENE	17.262	105	6436m	0.09	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	6735m	0.09	PPBV	
69) BENZYL CHLORIDE	17.971	91	3699m	0.11	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

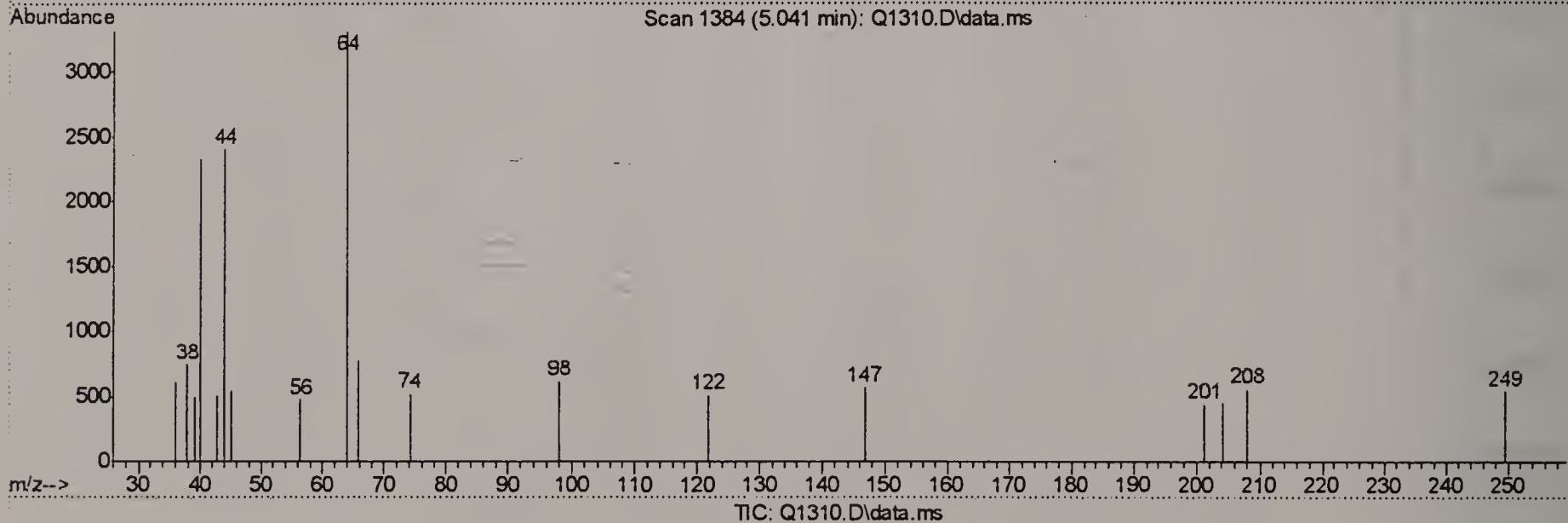
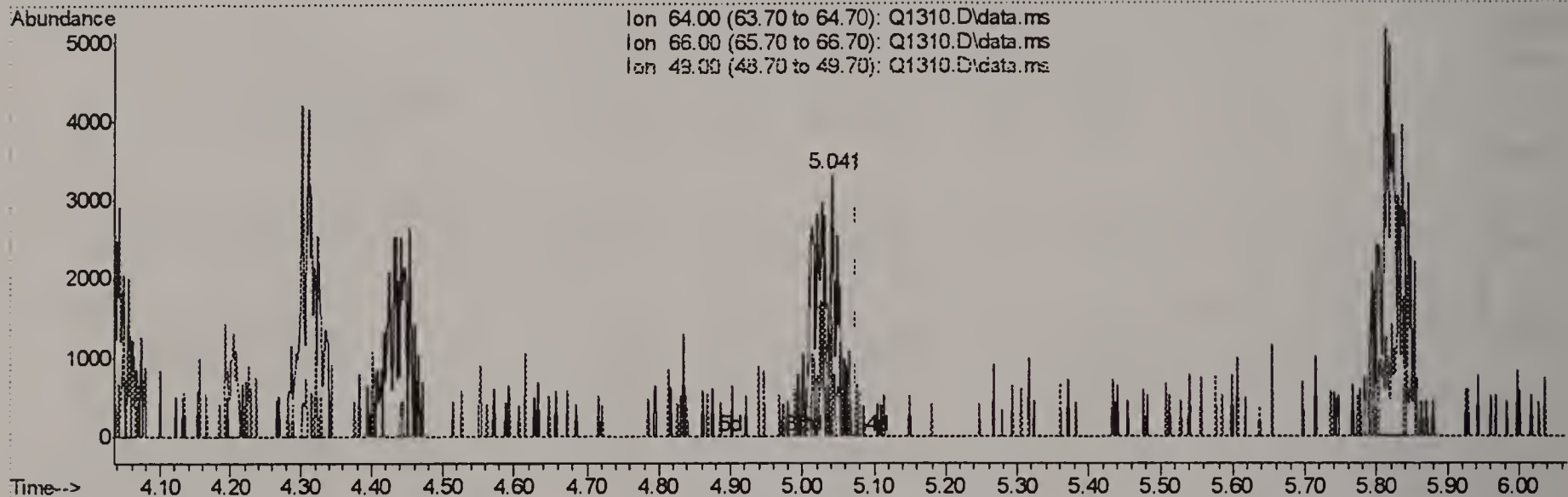
Quant Time: Aug 07 18:59:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.041min (-0.034) 0.10PPBV

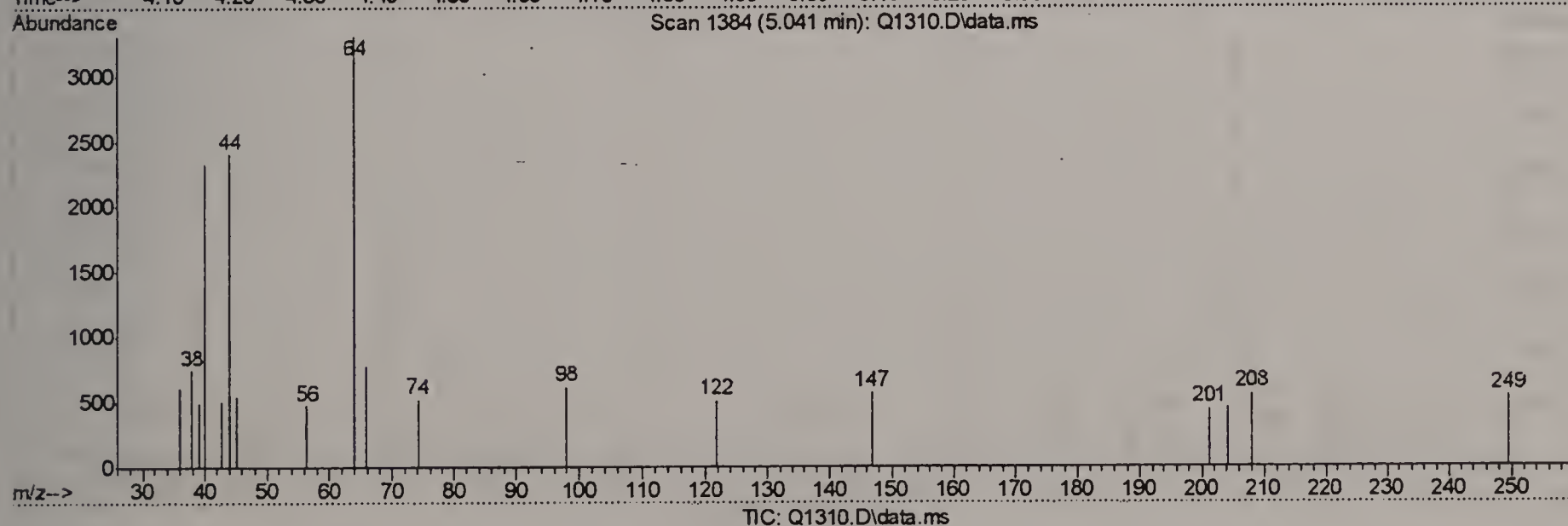
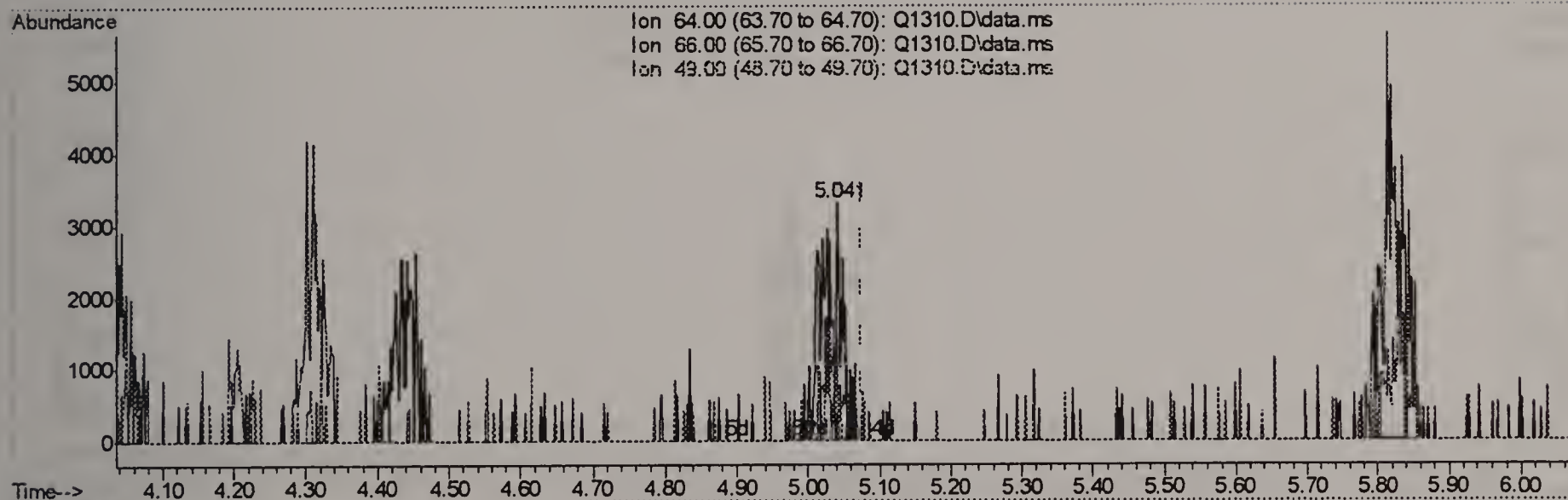
response 2012

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	0.00#
49.00	38.10	15.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.041min (-0.034) 0.26PPBV m

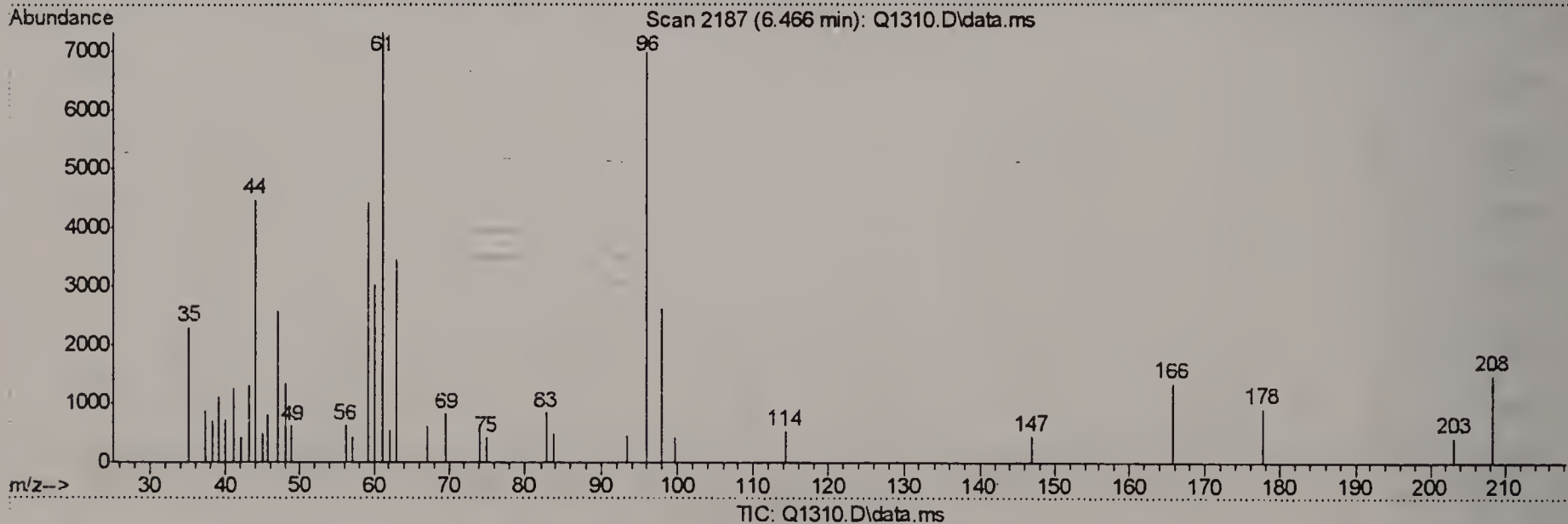
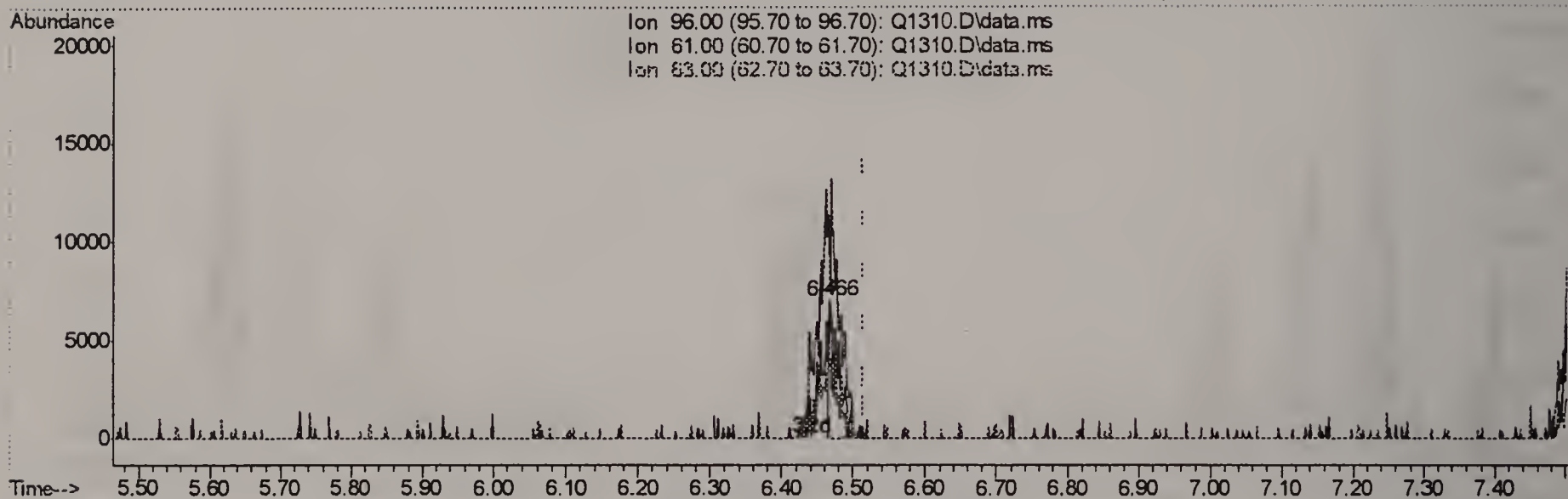
response 5513

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	0.00#
49.00	38.10	5.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.466min (-0.048) 0.13PPBV

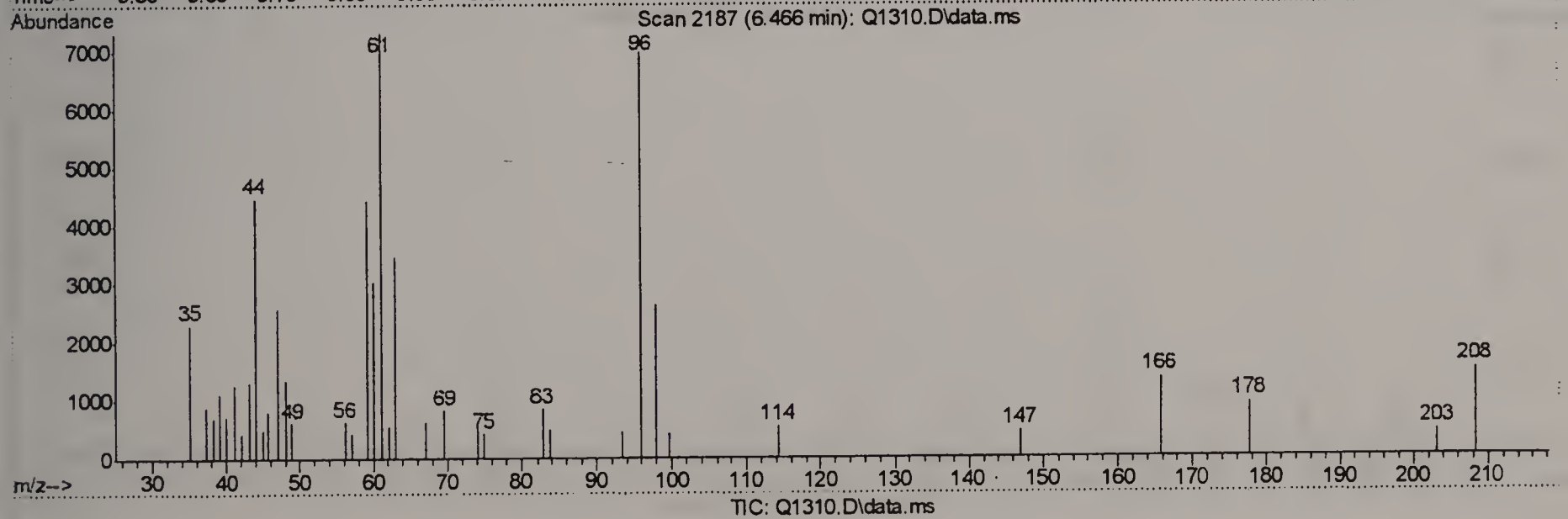
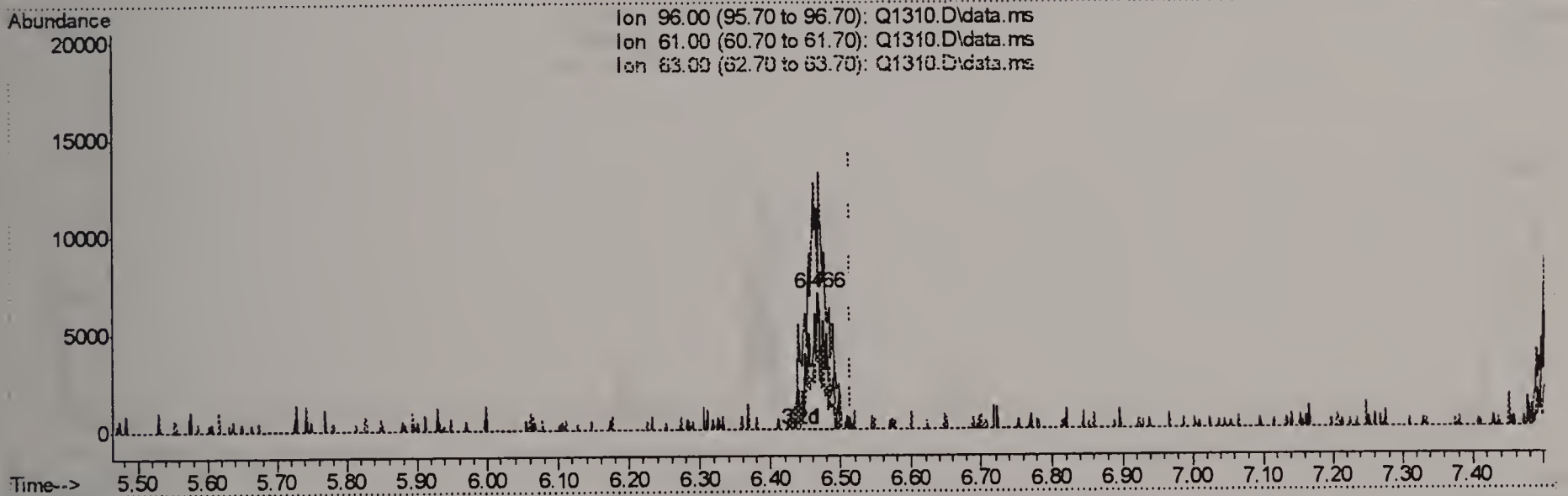
response 5610

Ion	Exp%	Act%
96.00	100	100
61.00	228.90	441.76#
63.00	70.60	107.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.466min (-0.048) 0.26PPBV m

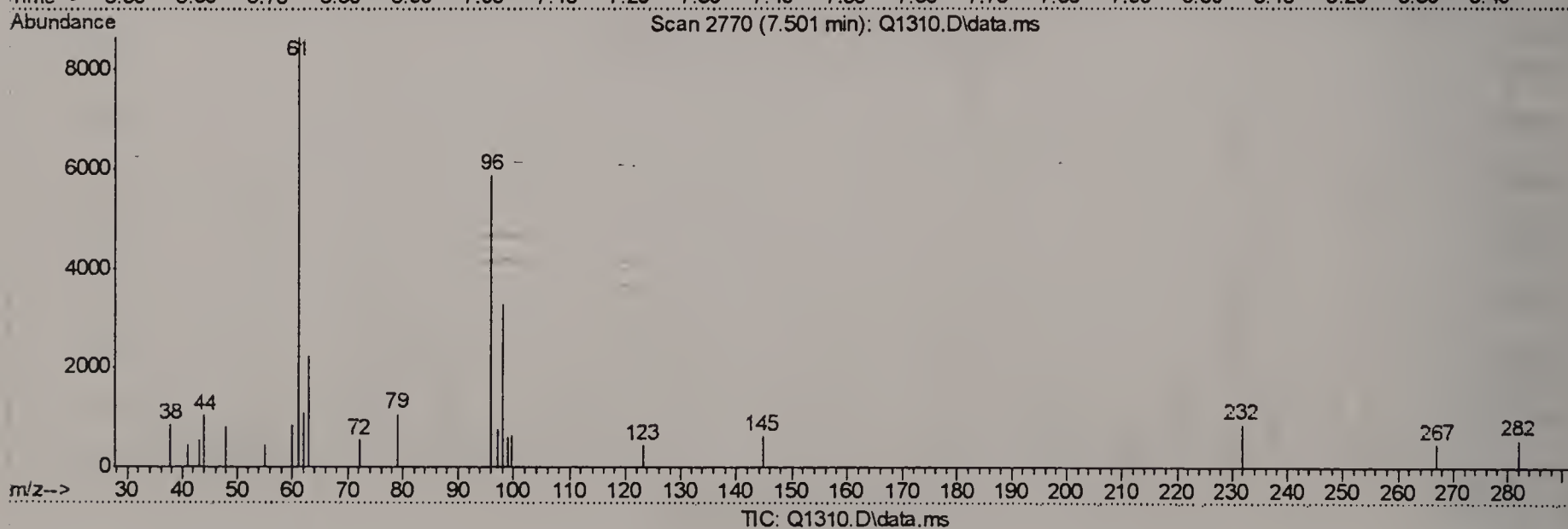
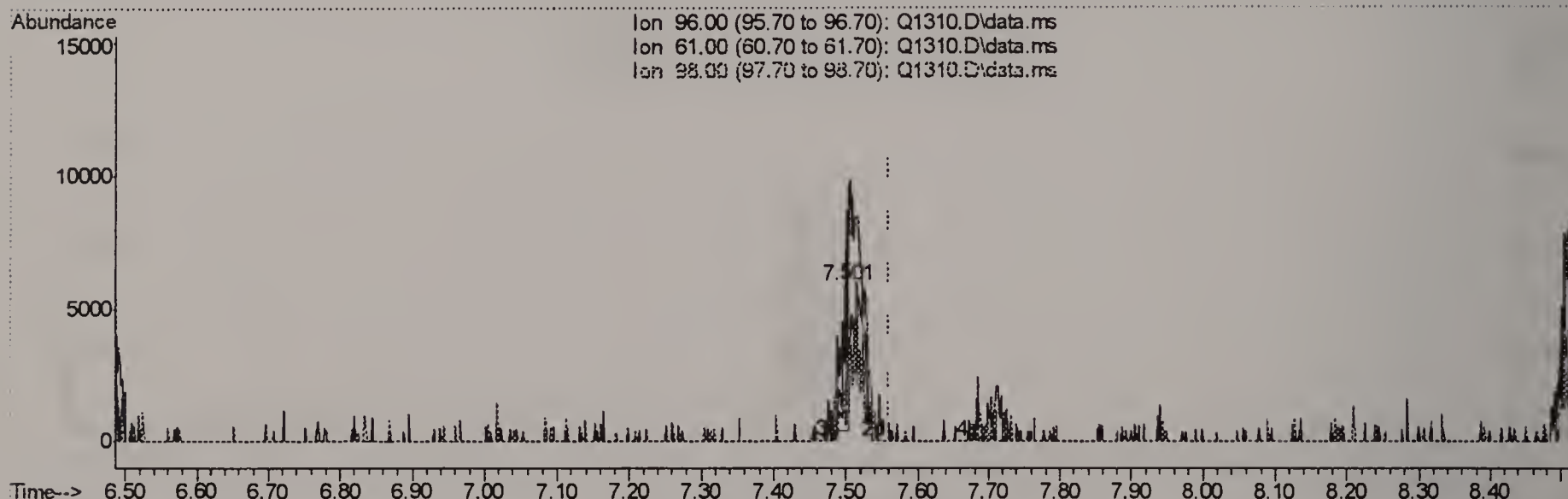
response 10873

Ion	Exp%	Act%
96.00	100	100
61.00	228.90	227.93
63.00	70.60	55.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.501min (-0.060) 0.06PPBV

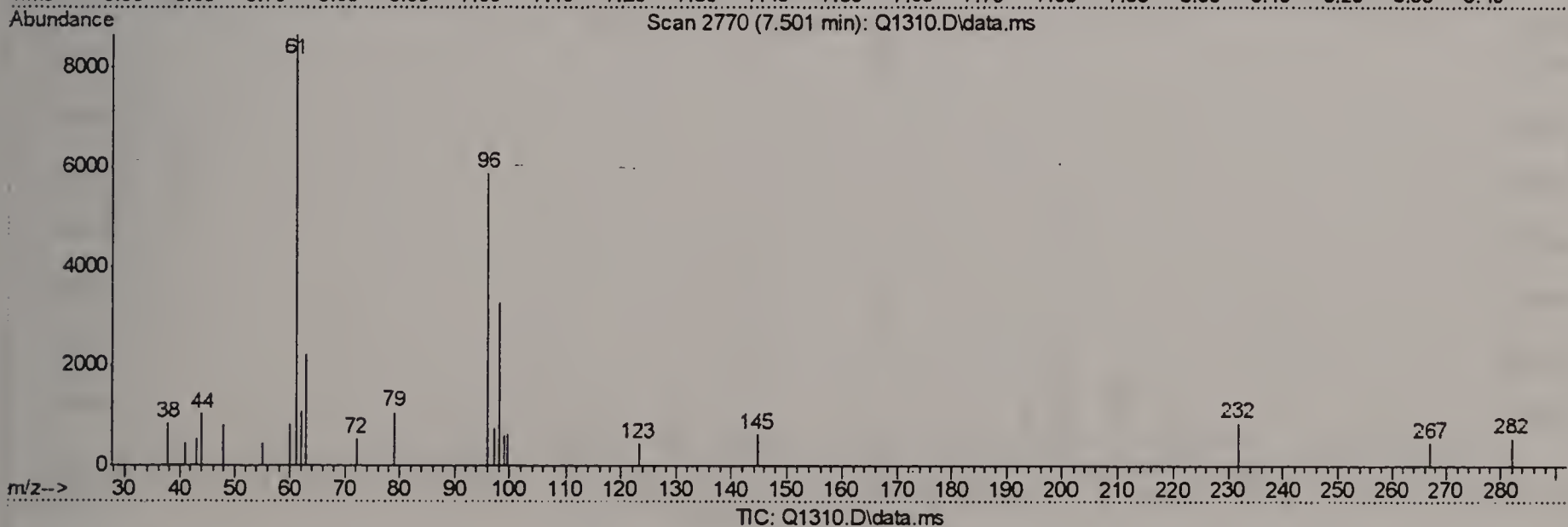
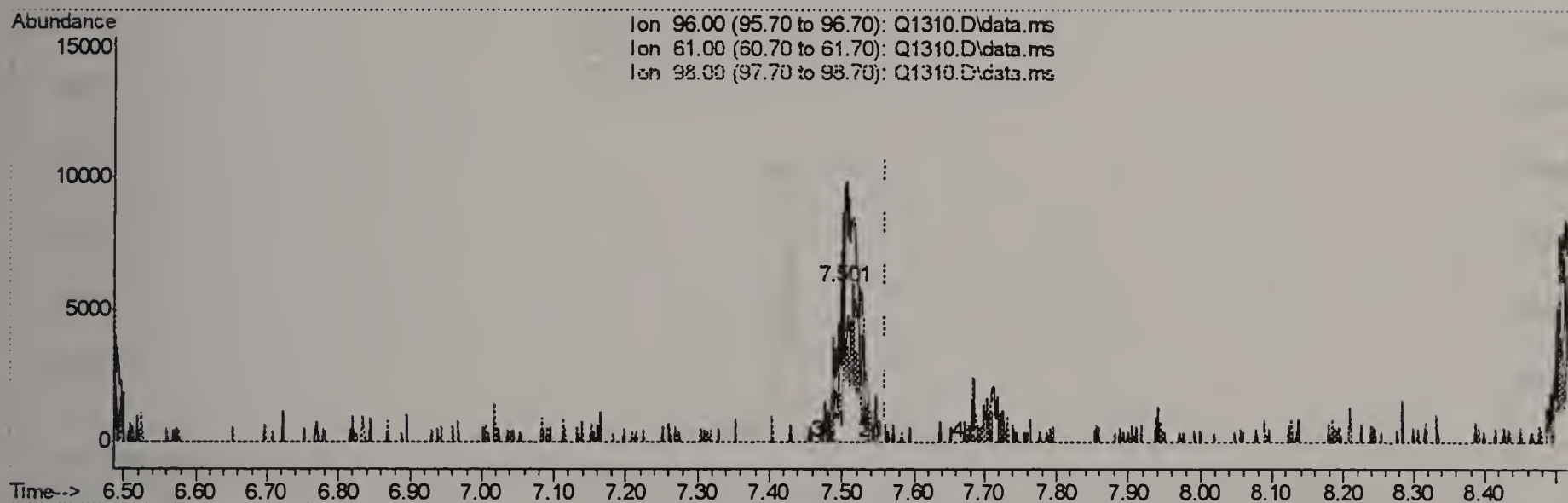
response 2556

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	706.34#
98.00	62.80	228.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.501min (-0.060) 0.23PPBV m

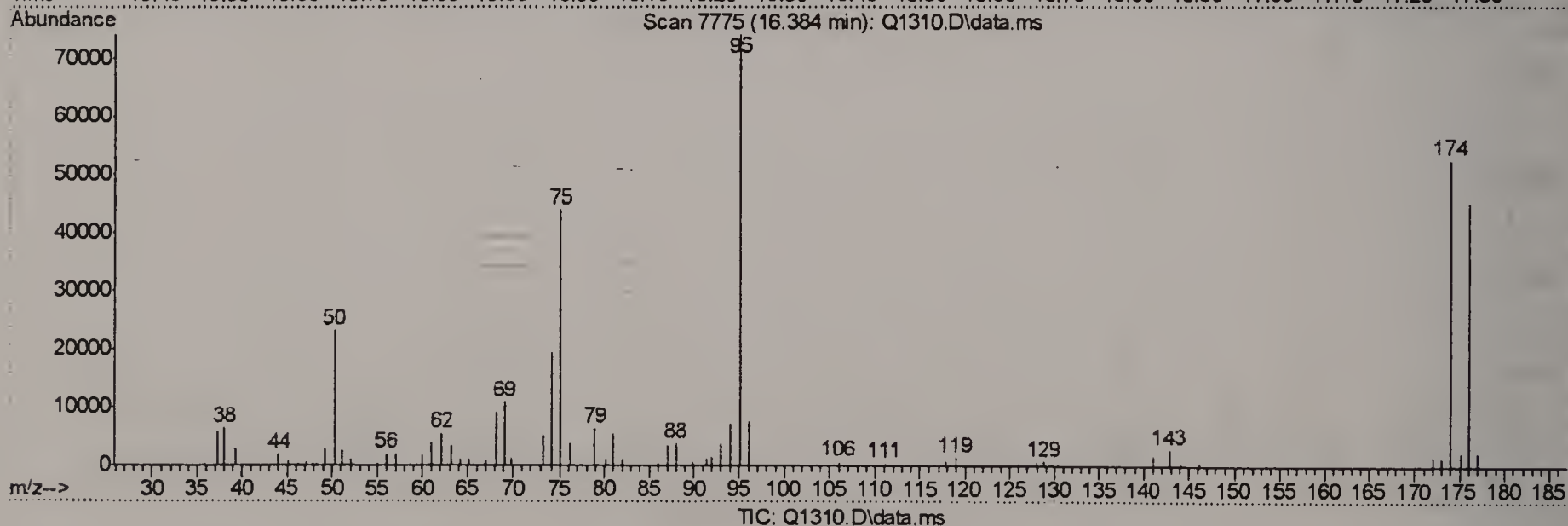
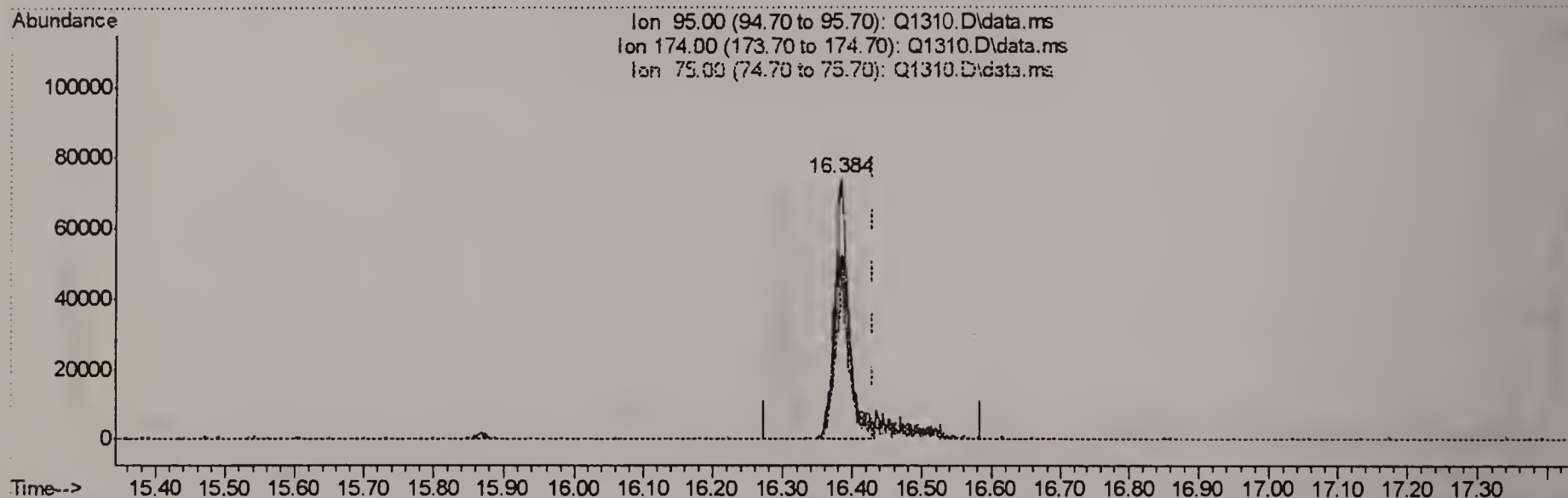
response 10377

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	173.98#
98.00	62.80	56.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 3.38PPBV

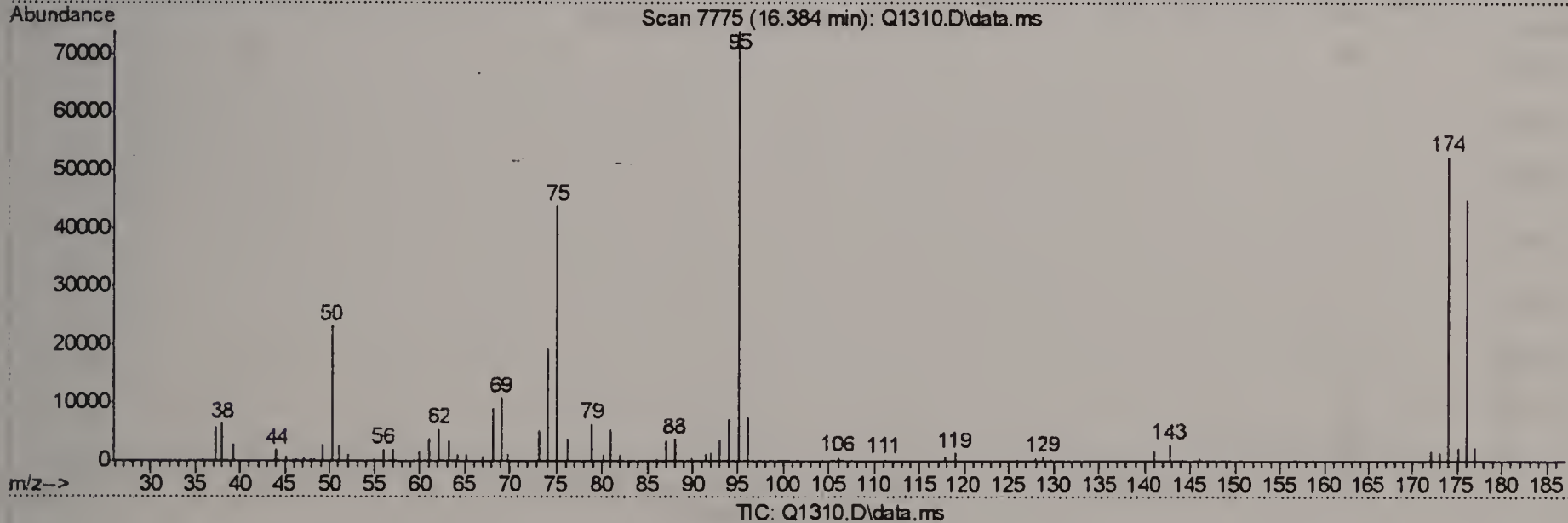
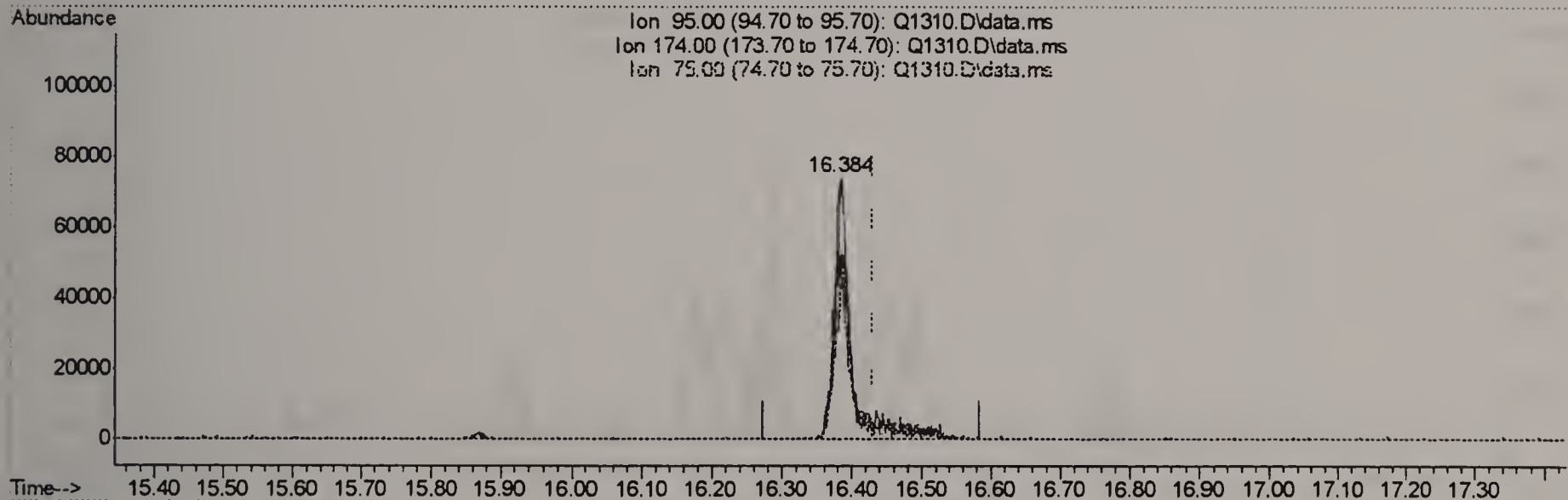
response 109420

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	76.95
75.00	52.30	62.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 4.02PPBV m

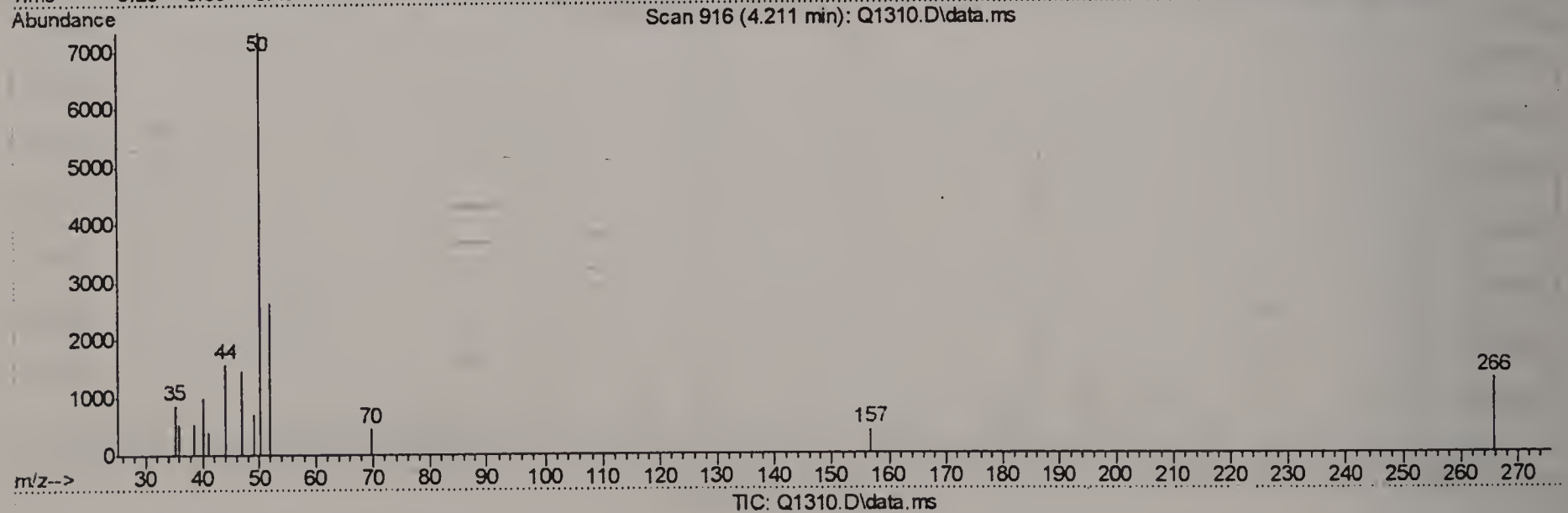
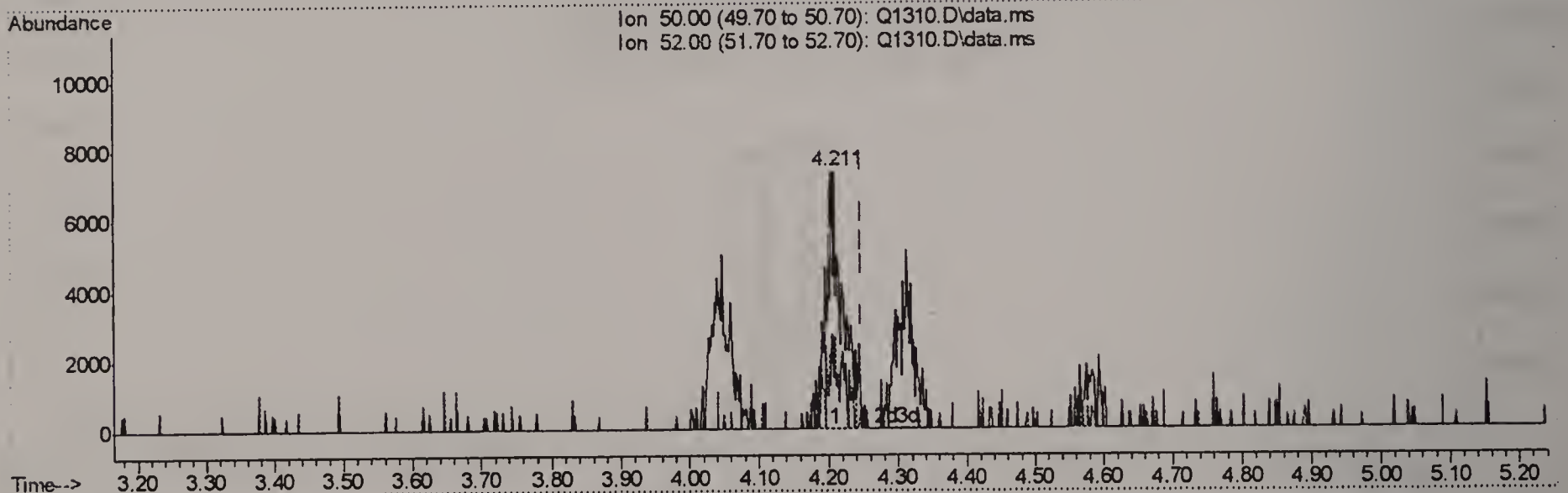
response 130143

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	64.70
75.00	52.30	52.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:52:14 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.30PPBV

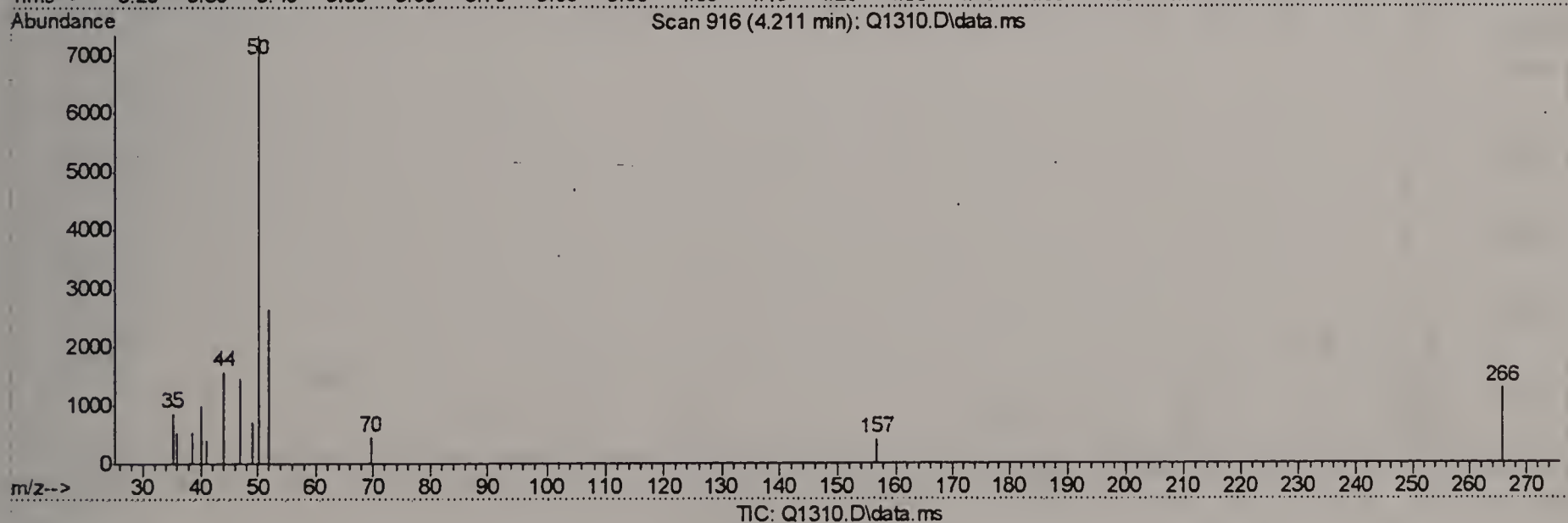
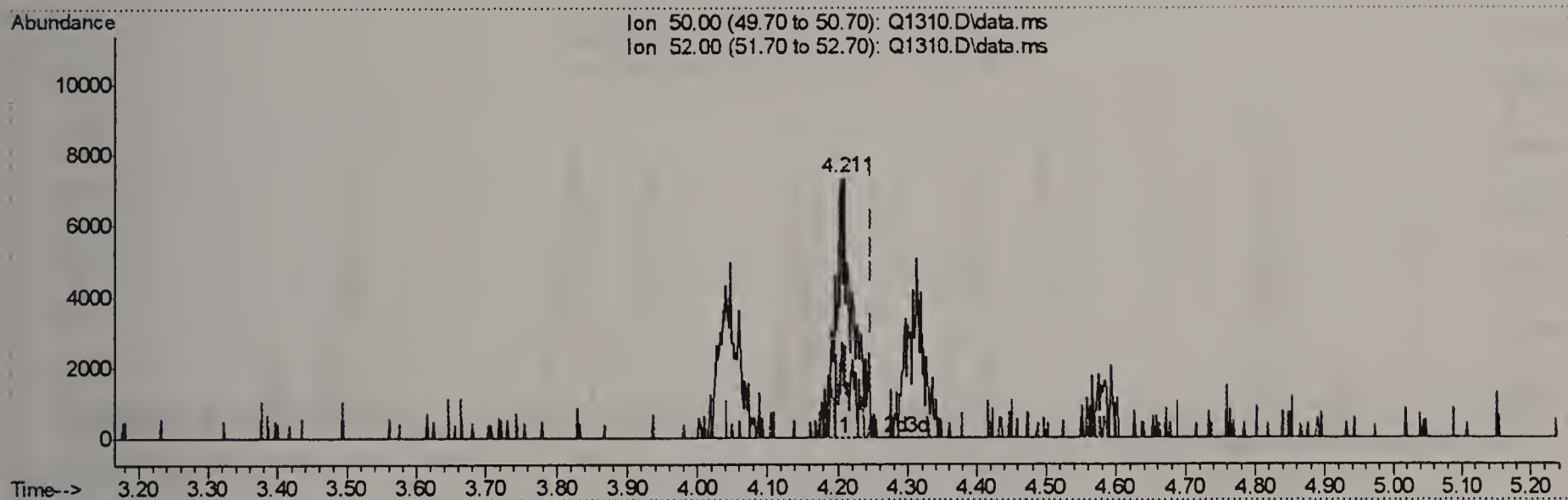
response 12130

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	38.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:52:14 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.30PPBV m

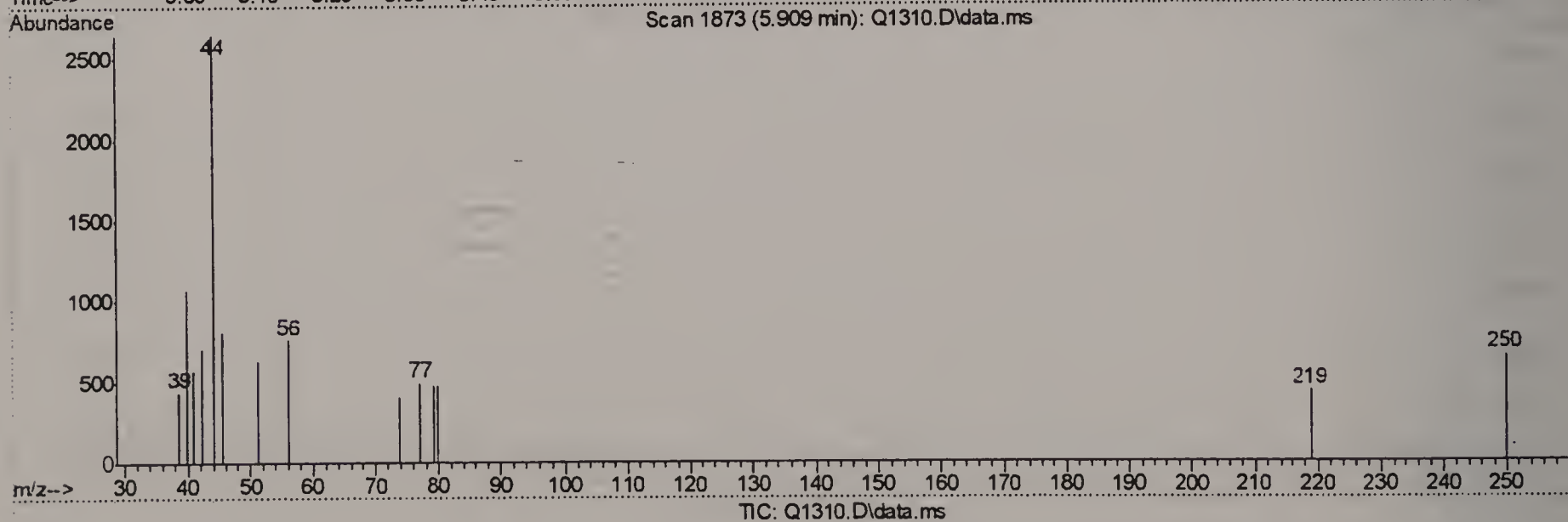
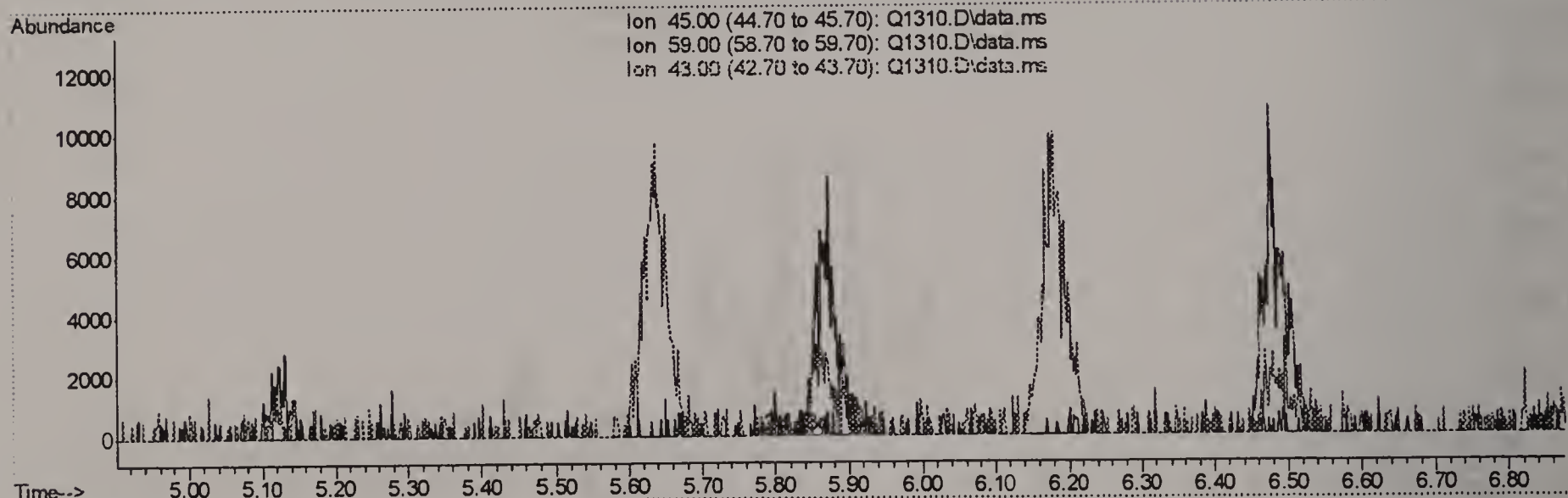
response 12057

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	36.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.910min 0.00PPBV d

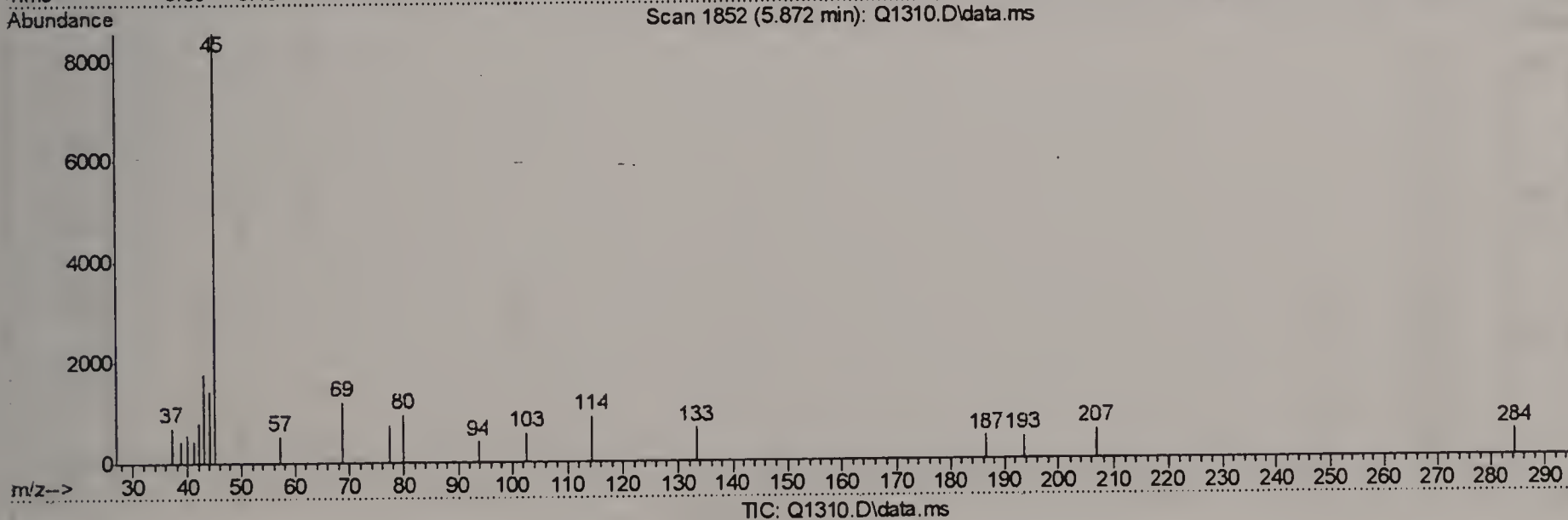
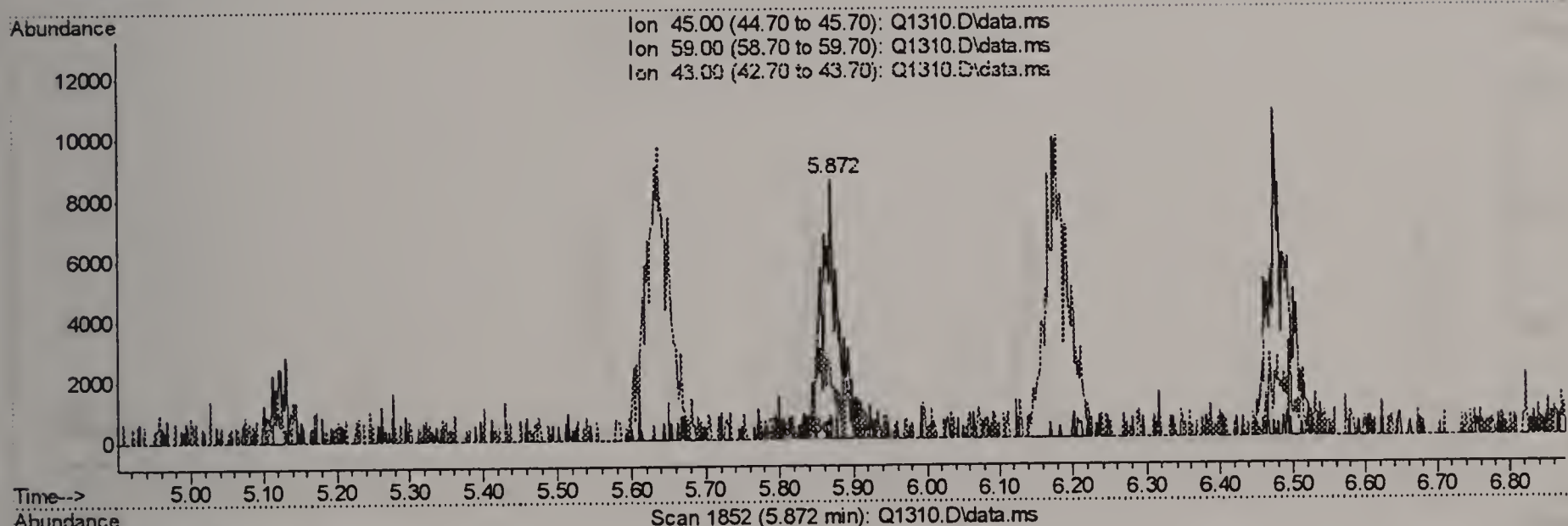
response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	3.50	0.00
43.00	21.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.872min (-0.038) 0.28PPBV m

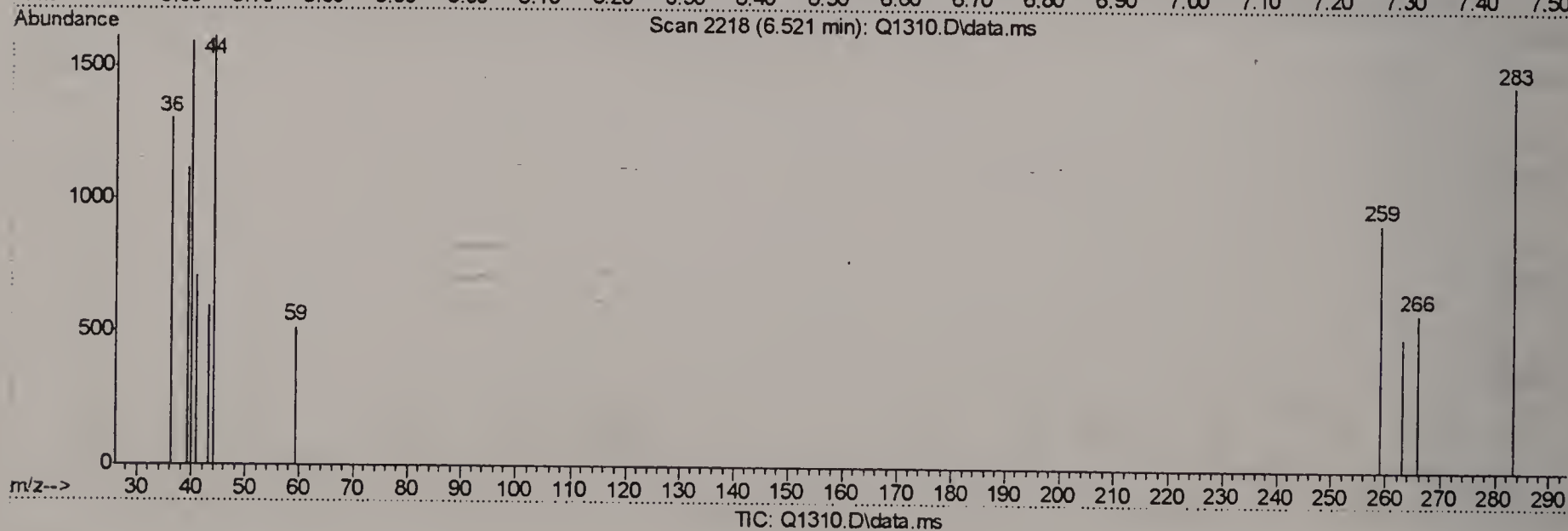
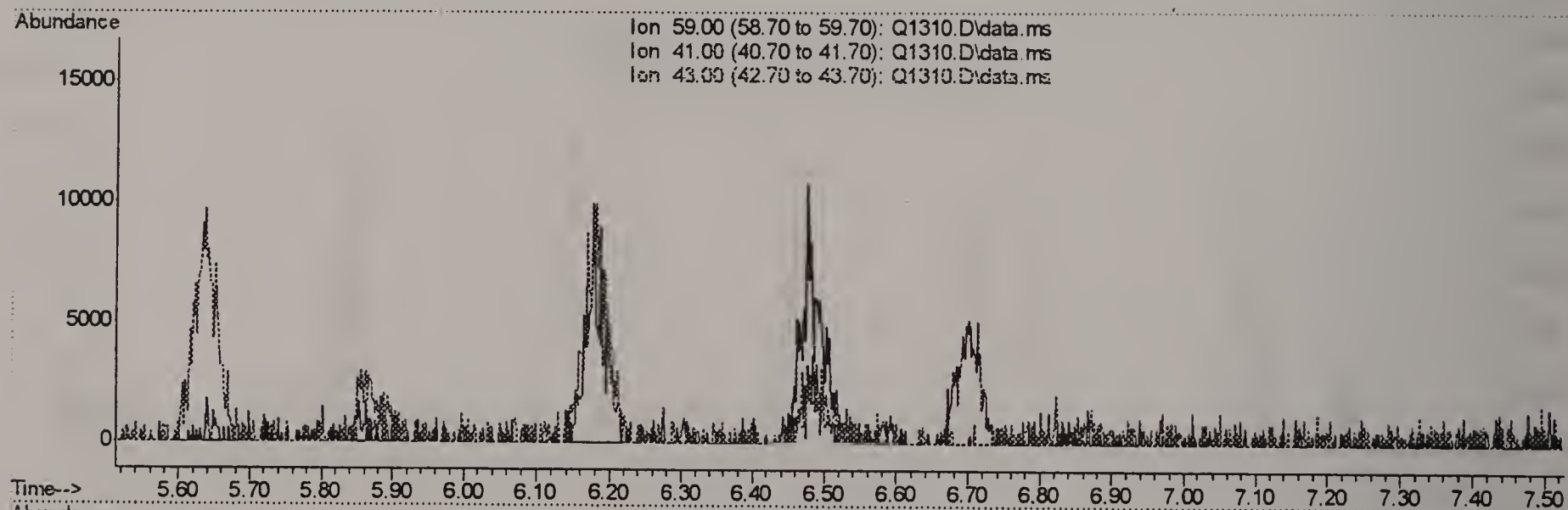
response 12972

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	0.00
43.00	21.60	20.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.521min 0.00PPBV d

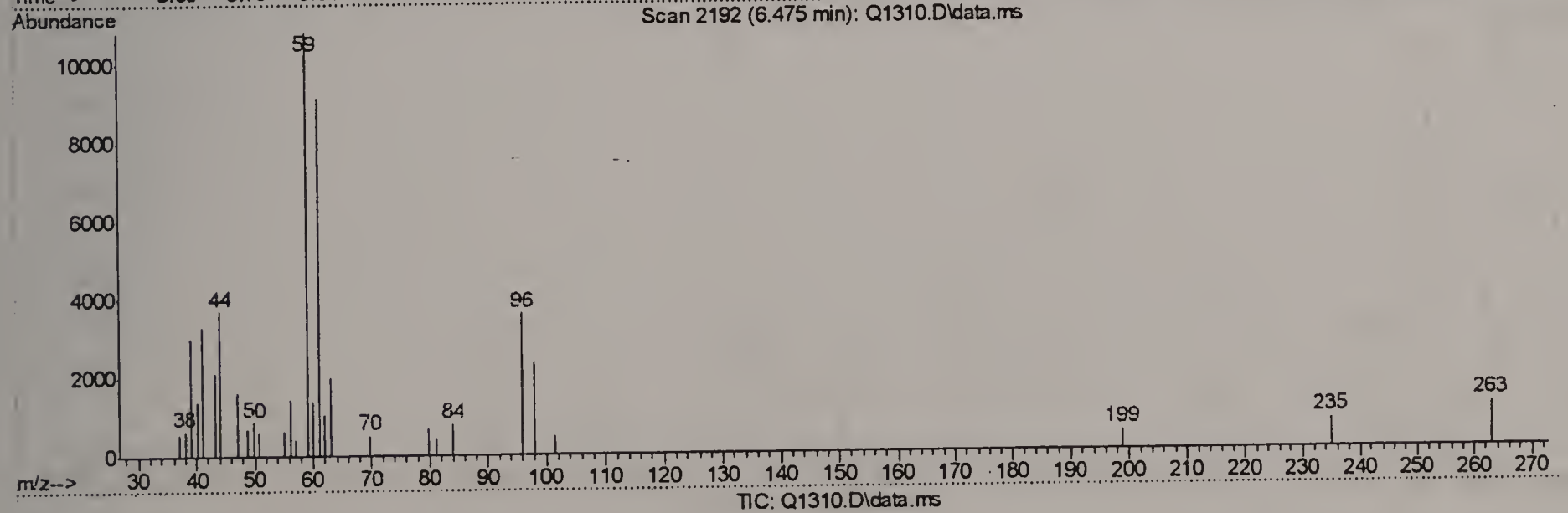
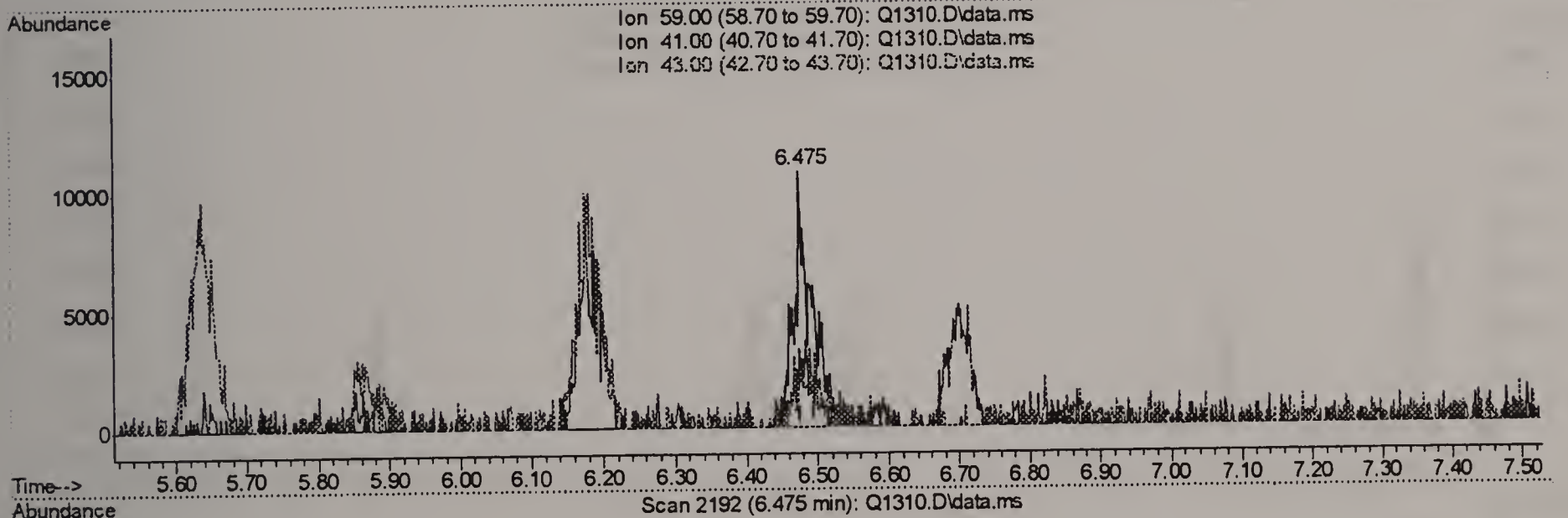
response 0

Ion	Exp%	Act%
59.00	100	0.00
41.00	22.60	0.00
43.00	16.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.475min (-0.046) 0.31PPBV m

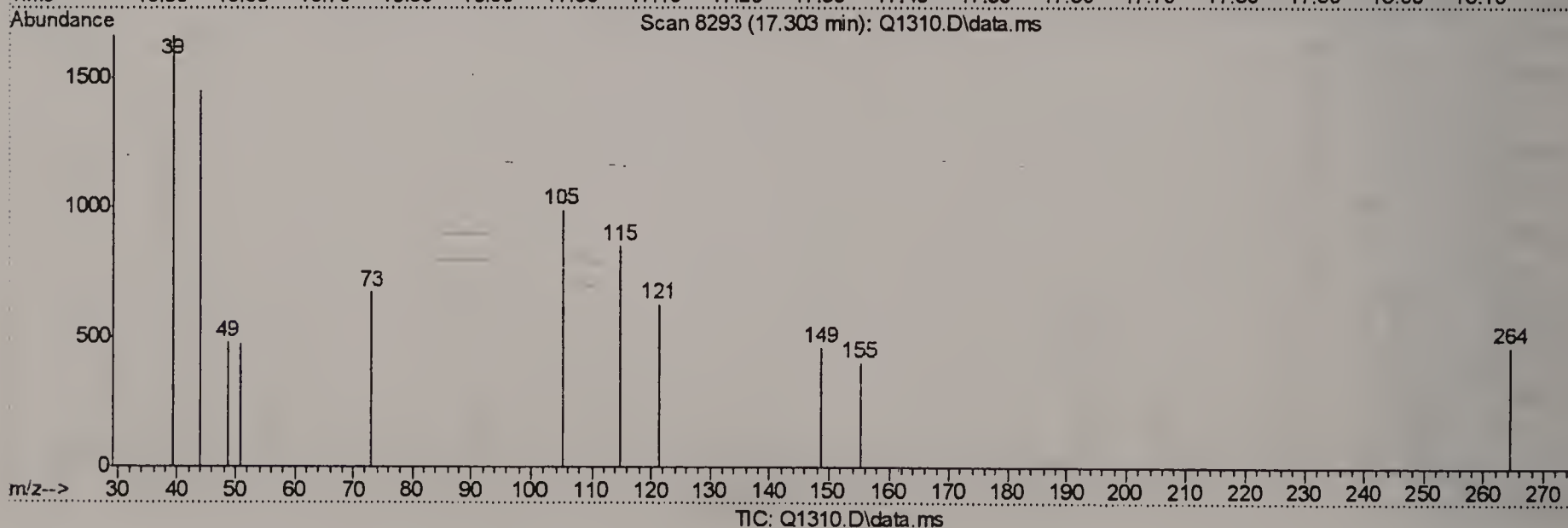
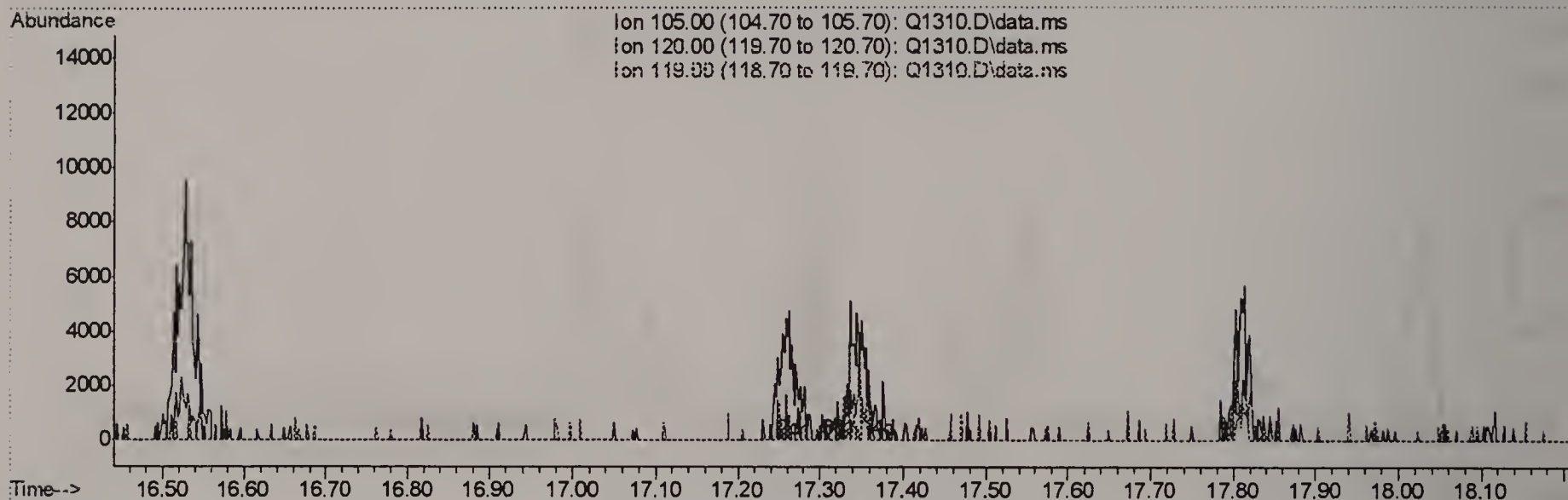
response 17306

Ion	Exp%	Act%
59.00	100	100
41.00	22.60	0.00#
43.00	16.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(65) 4-ETHYLTOLUENE (m)

17.304min 0.00PPBV d

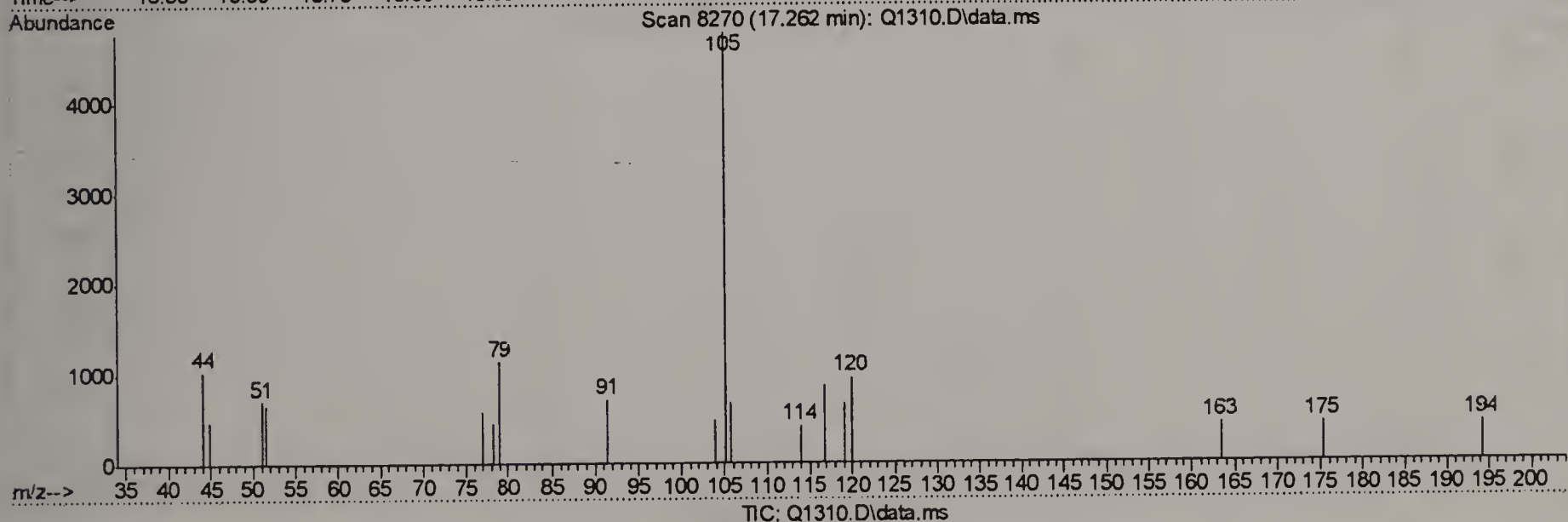
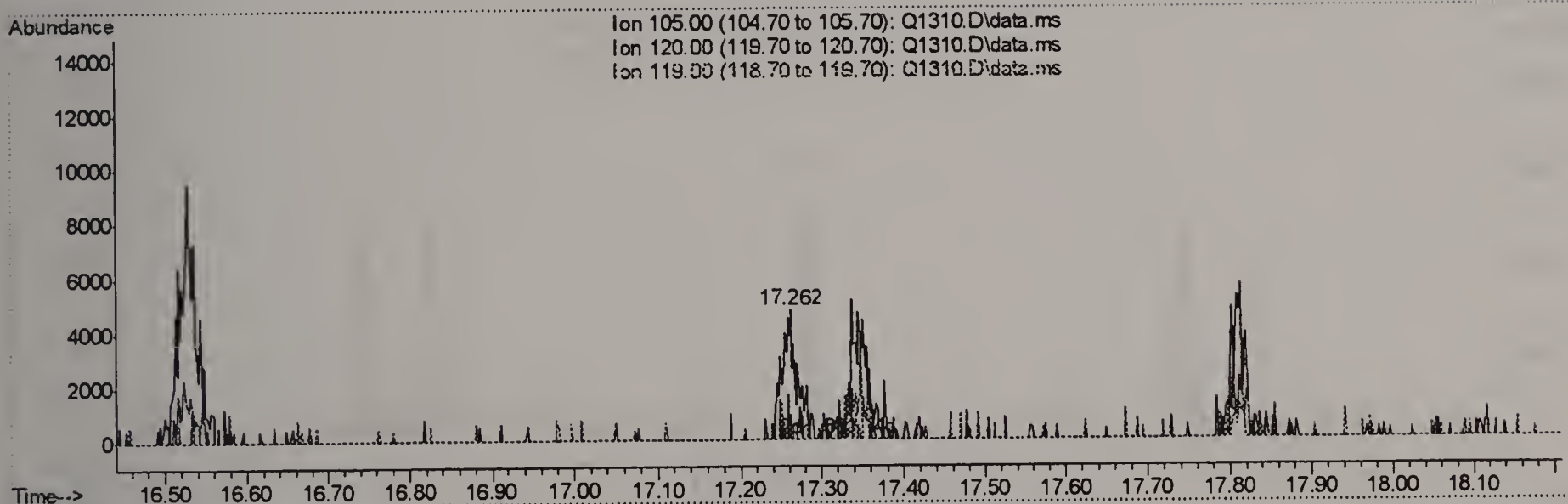
response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	27.80	0.00
119.00	1.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(65) 4-ETHYLTOLUENE (m)

17.262min (-0.042) 0.09PPBV m

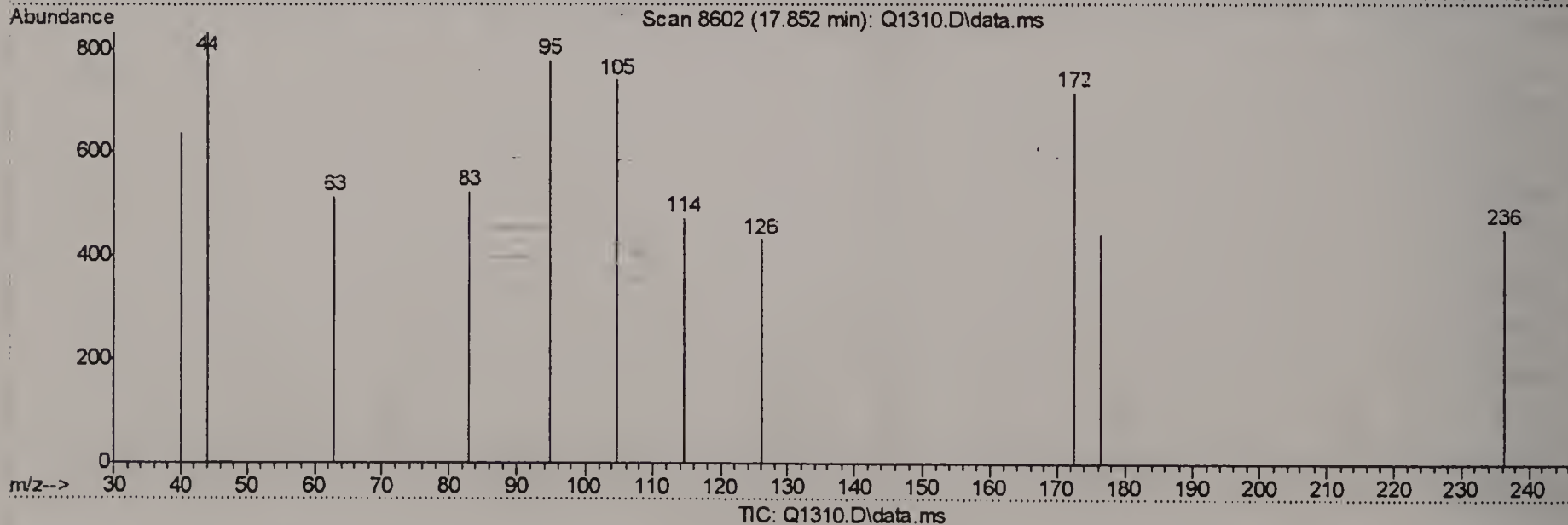
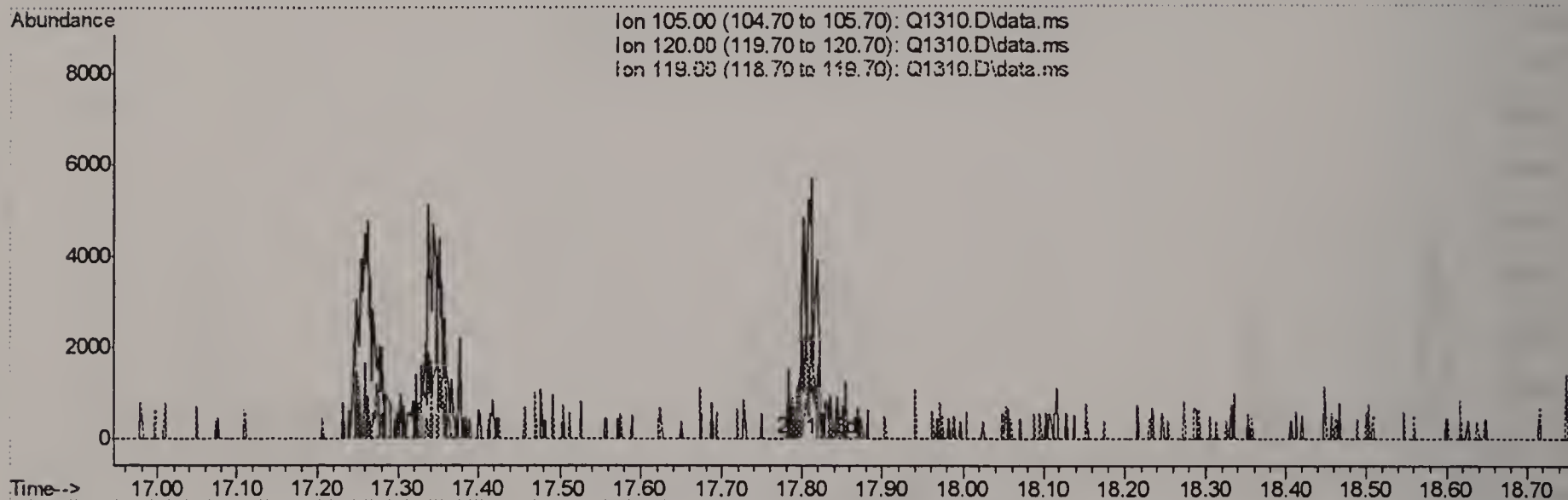
response 6436

Ion	Exp%	Act%
105.00	100	100
120.00	27.80	0.00#
119.00	1.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.851min 0.00PPBV d

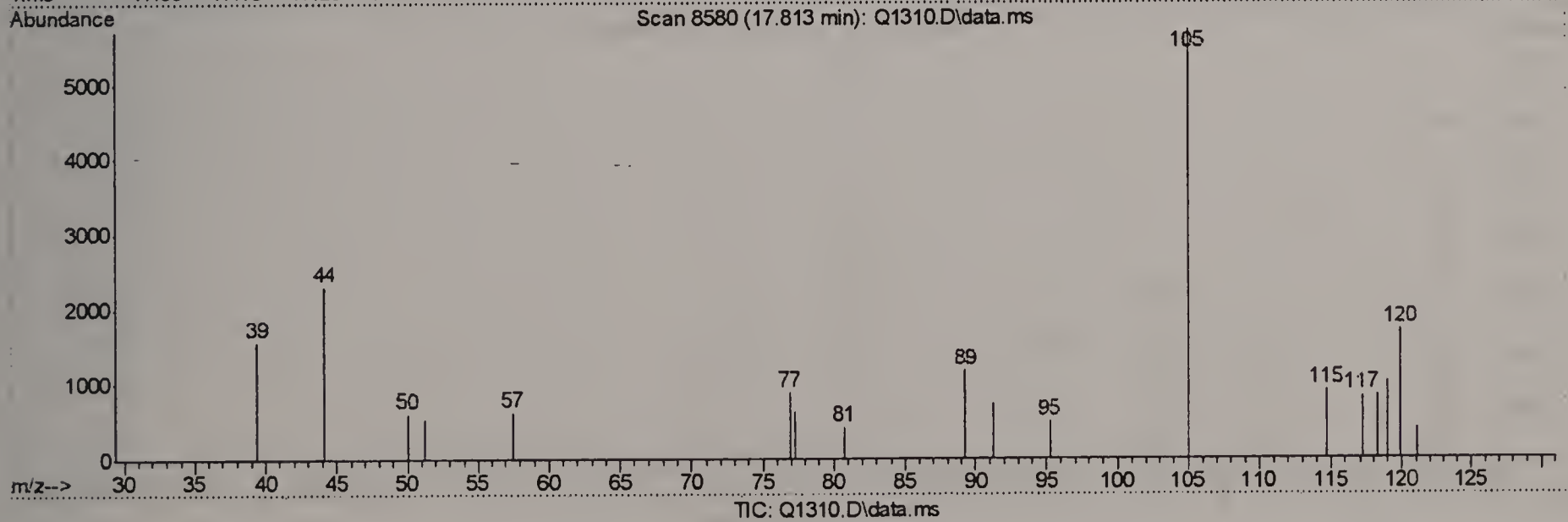
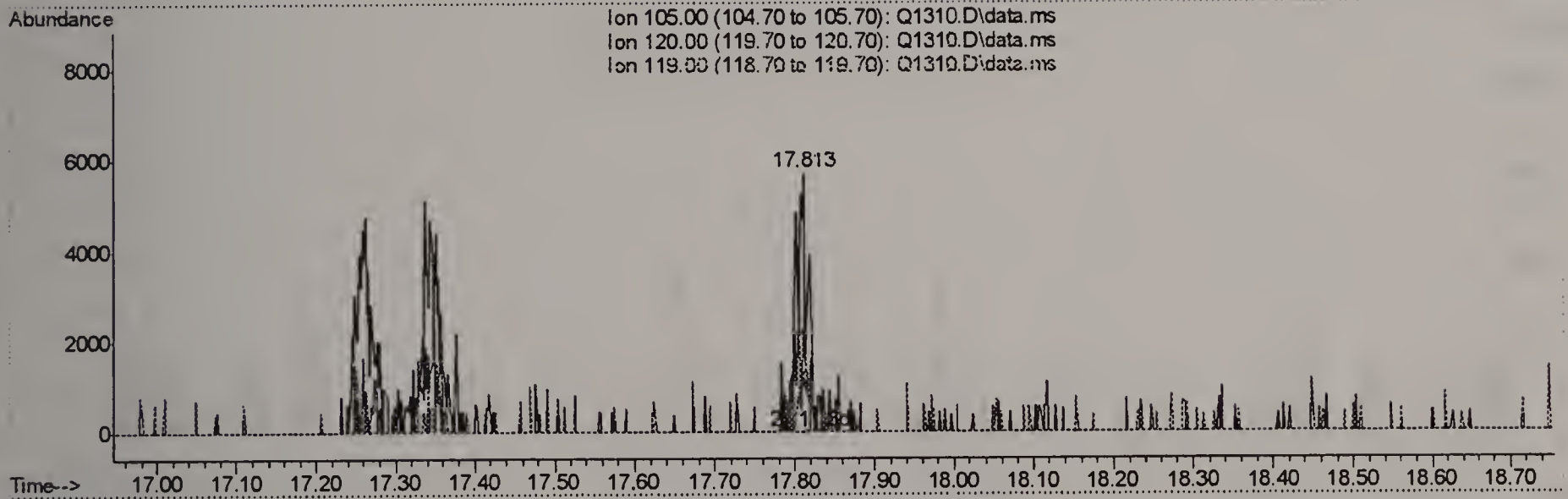
response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	42.70	0.00
119.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.813min (-0.038) 0.09PPBV m

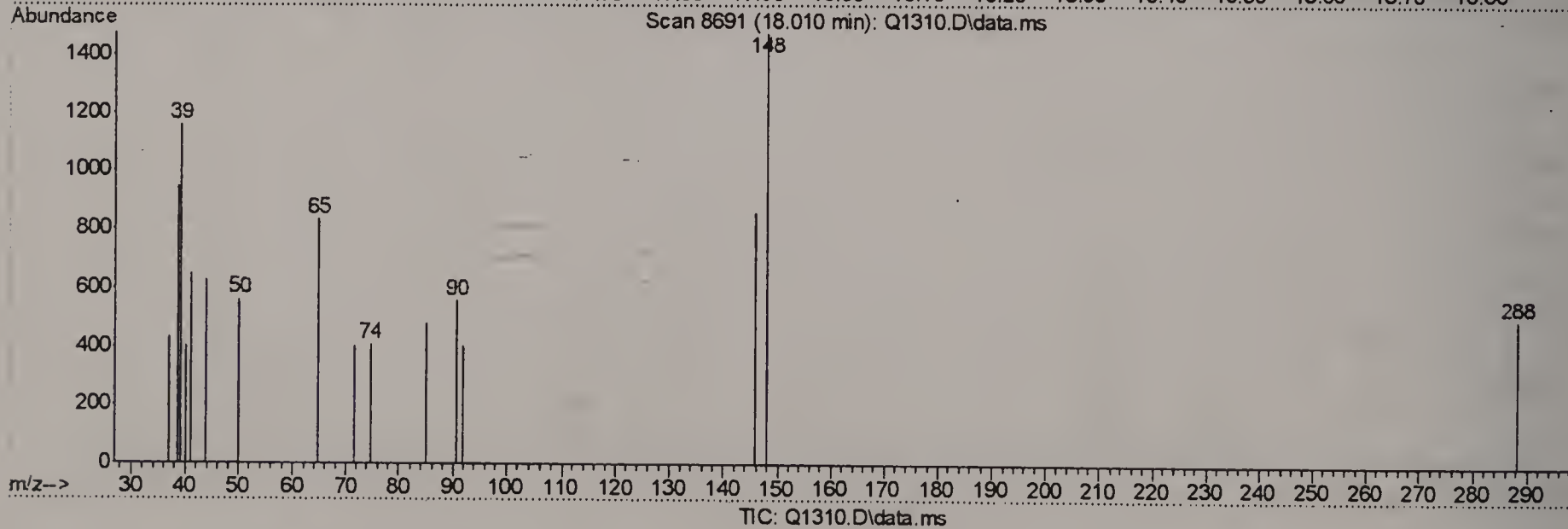
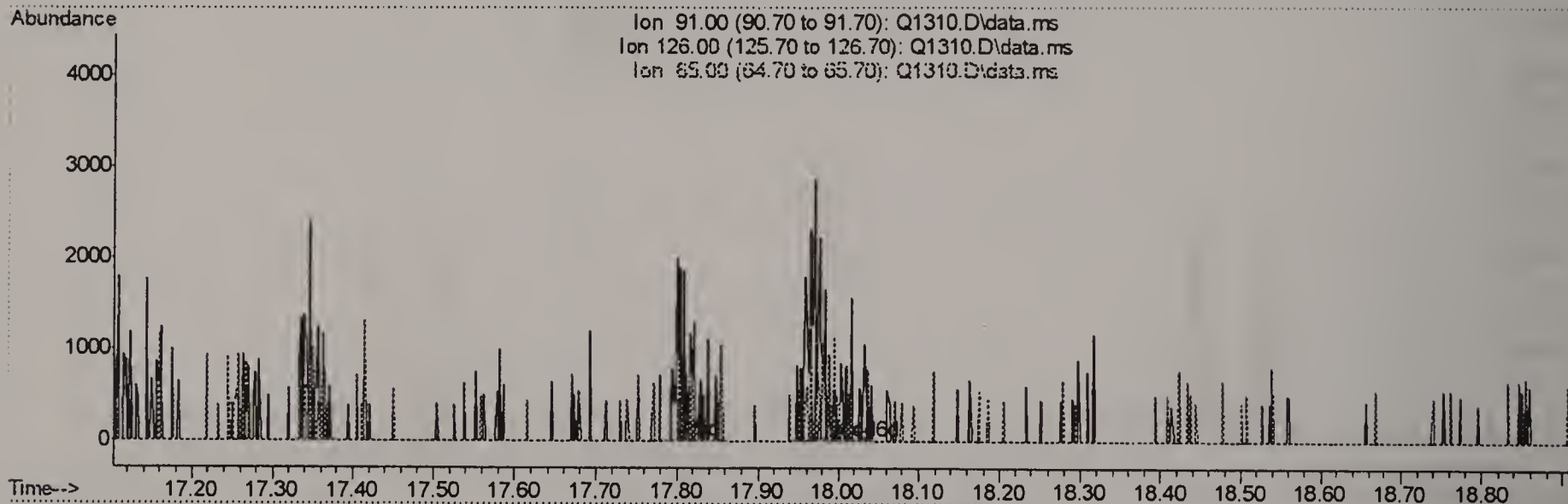
response 6735

Ion	Exp%	Act%
105.00	100	100
120.00	42.70	0.00#
119.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

18.009min 0.00PPBV d

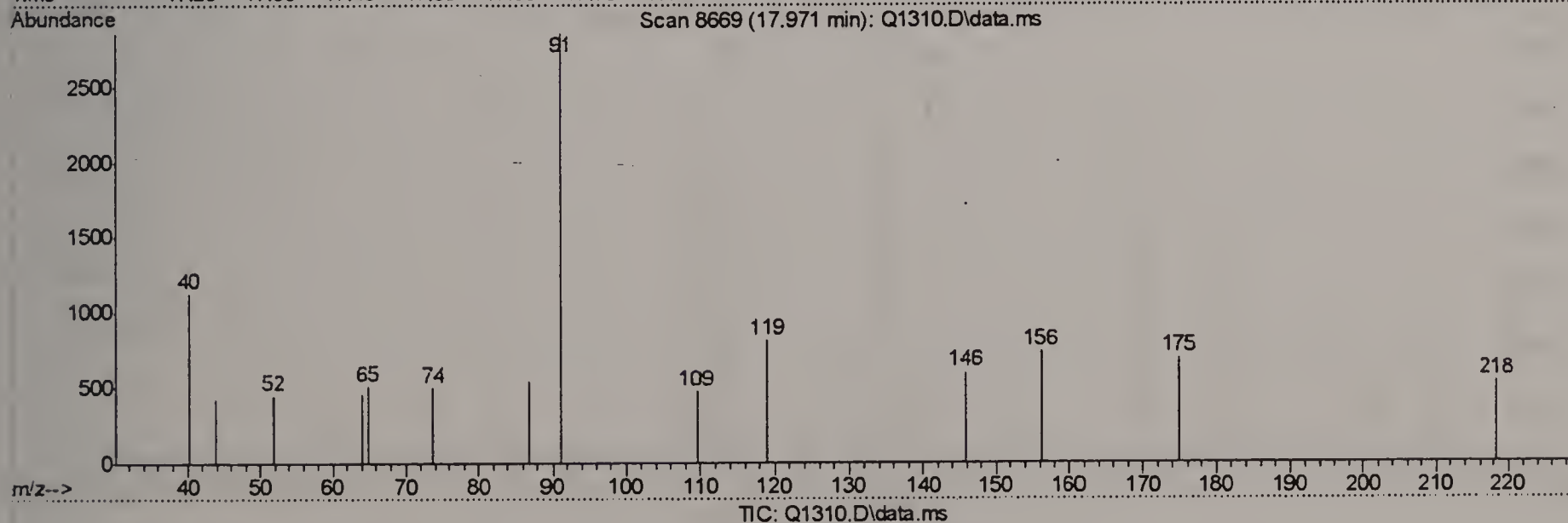
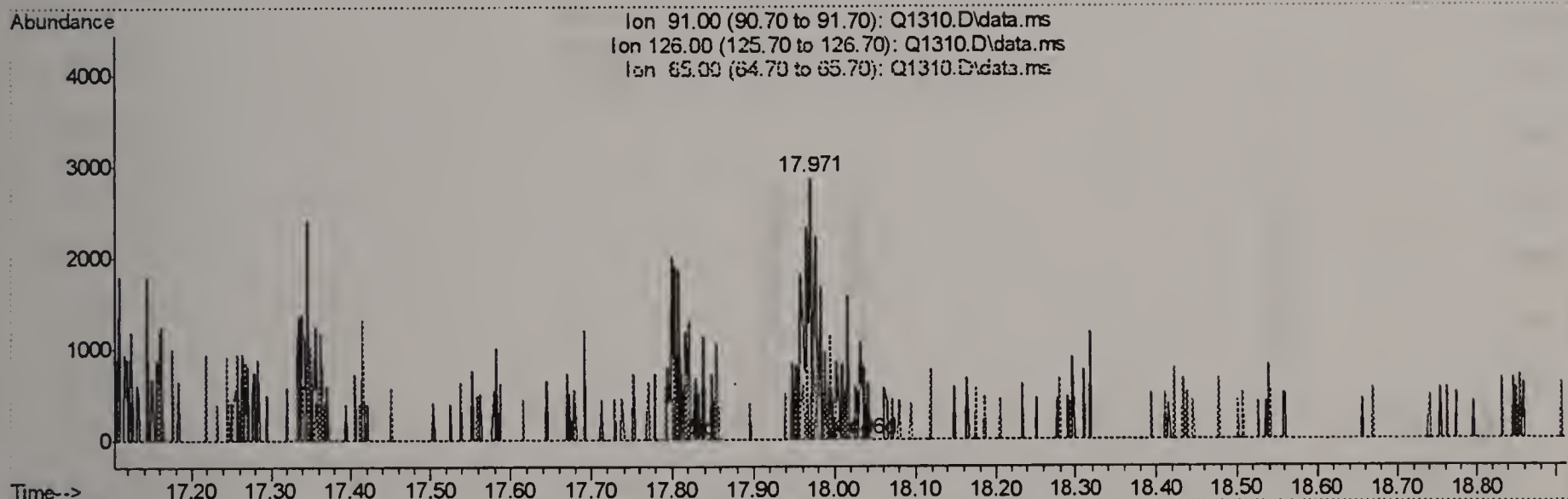
response 0

Ion	Exp%	Act%
91.00	100	0.00
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.971min (-0.038) 0.11PPBV m

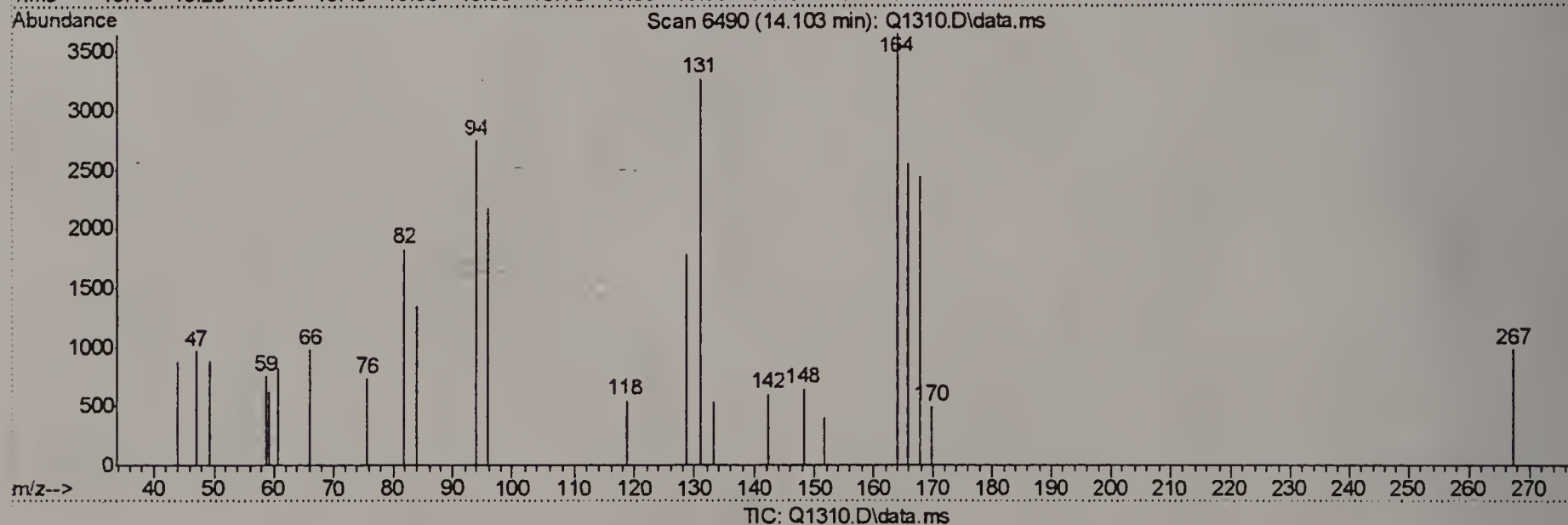
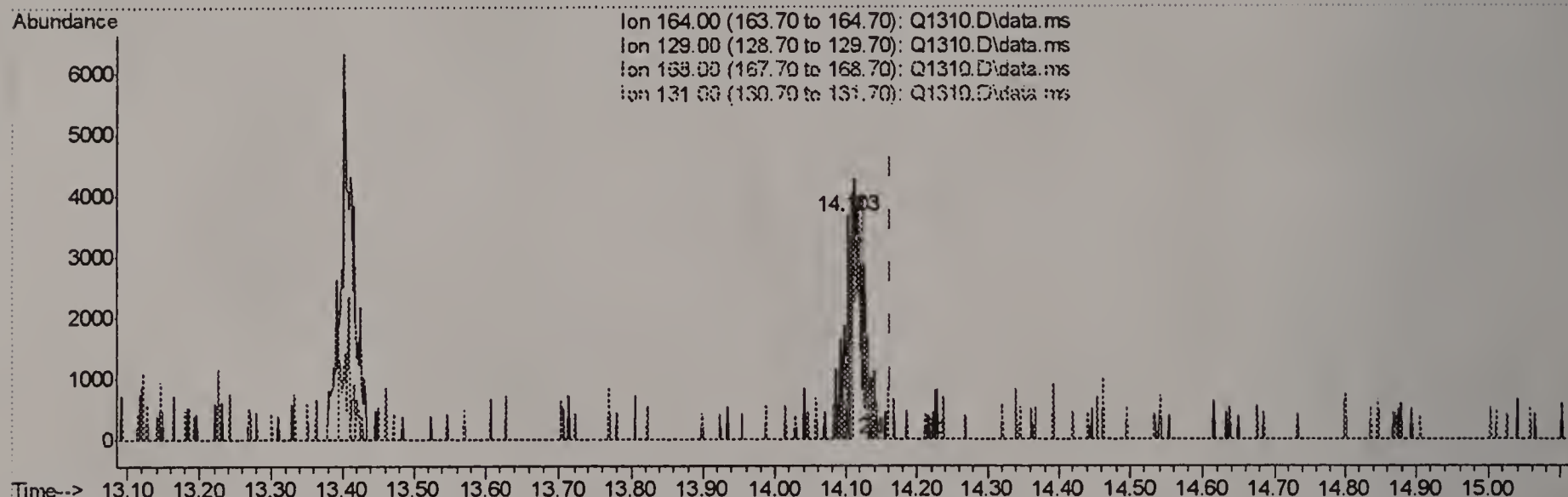
response 3699

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:56:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.103min (-0.060) 0.07PPBV

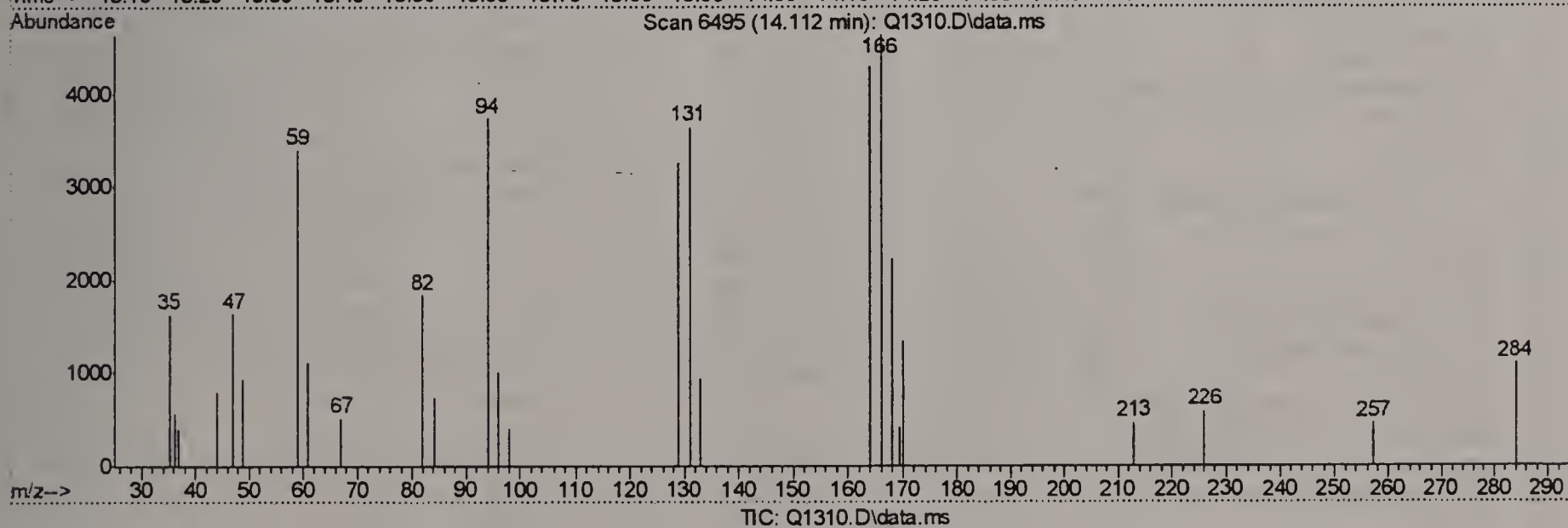
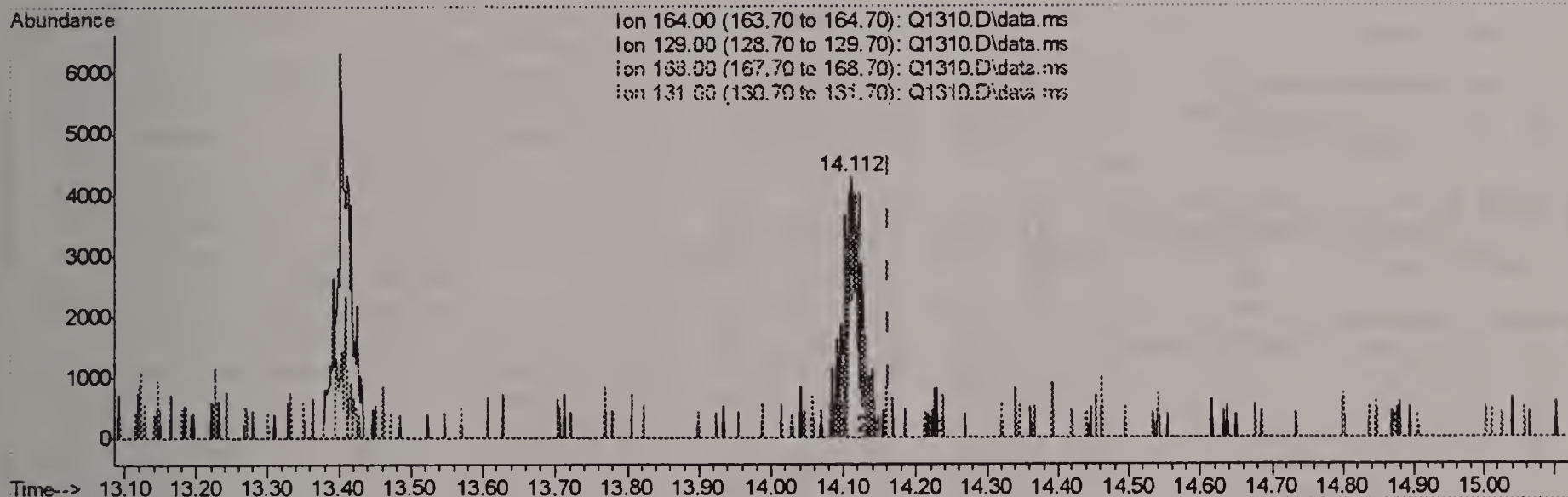
response 2225

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	239.19#
168.00	62.70	178.25#
131.00	95.20	120.09#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:56:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.112min (-0.051) 0.17PPBV m

response 5766

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	92.30
168.00	62.70	68.78
131.00	95.20	46.34#

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1311.D
 Acq On : 7 Aug 2006 6:25 pm
 Operator : PhilipB
 Sample : IC68-20 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:49:27 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.685	128	600142	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.520	114	1469509	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.767	117	1043305	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	292559	5.72	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	114.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.049	85	3847649	14.45	PPBV	99
3) PROPYLENE	3.980	41	598154	13.99	PPBV	92
4) FREON 114	4.314	85	4015052	16.18	PPBV	97
5) CHLOROMETHANE	4.214	50	775768	12.08	PPBV	100
6) VINYL CHLORIDE	4.436	62	979666	13.69	PPBV	98
7) 1,3-BUTADIENE	4.578	39	961208	15.56	PPBV #	80
8) BROMOMETHANE	4.860	94	1034228	14.63	PPBV	97
9) CHLOROETHANE	5.036	64	468012	14.51	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.826	101	5133961	16.54	PPBV	98
11) ISOPROPYL ALCOHOL	5.875	45	356635	4.46	PPBV	80
12) ACETONE	5.623	43	1843203	17.50	PPBV	88
13) PENTANE	6.188	42	1053221	15.55	PPBV #	81
14) 1,1-DICHLOROETHYLENE	6.470	96	986817	15.13	PPBV	90
15) CARBON DISULFIDE	6.903	76	3032052	16.65	PPBV	89
16) ETHANOL	5.126	45	346650	14.99	PPBV	72
17) BROMOETHENE	5.398	106	925791	16.44	PPBV #	90
18) METHYLENE CHLORIDE	6.582	84	927899	12.11	PPBV	86
19) 3-CHLOROPROPENE	6.702	39	1625270	18.16	PPBV #	69
20) FREON 113	6.843	151	3042940	19.66	PPBV #	79
21) TRANS-1,2-DICHLOROETHY...	7.515	96	1117182	16.56	PPBV	95
22) TERTIARY BUTYL ALCOHOL	6.481	59	279373	2.82	PPBV	90
23) METHYL TERTIARY BUTYL ...	7.755	73	3430289	21.27	PPBV	92
24) TETRAHYDROFURAN	9.192	42	816378	22.23	PPBV	80
25) HEXANE	8.719	57	1960360	18.46	PPBV	89
26) VINYL ACETATE	7.837	43	3461462	21.79	PPBV	98
27) 1,1-DICHLOROETHANE	7.711	63	2571988	17.46	PPBV	95
28) METHYL ETHYL KETONE	8.081	43	2551734	19.46	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.522	96	1376346	18.34	PPBV	89
30) ETHYL ACETATE	8.717	43	4520142	19.90	PPBV	99
31) CHLOROFORM	8.806	83	3667847	19.40	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.764	97	2543929	20.51	PPBV	97
33) CARBON TETRACHLORIDE	10.346	117	3029340	21.30	PPBV	98
34) 1,2-DICHLOROETHANE	9.521	62	1462088	20.14	PPBV	97
36) BENZENE	10.206	78	2587156	20.75	PPBV	93
37) CYCLOHEXANE	10.472	84	1026255	17.27	PPBV #	70
38) TRICHLOROETHYLENE	11.207	95	1382065	22.59	PPBV	93
39) 1,2-DICHLOROPROPANE	10.983	63	910460	20.53	PPBV	89
40) BROMODICHLOROMETHANE	11.166	83	2029663	21.59	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.228	57	4649298	20.23	PPBV	99
42) 1,4-DIOXANE	11.189	88	424714	22.98	PPBV #	83
43) HEPTANE	11.464	43	1653577	22.09	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1311.D
Acq On : 7 Aug 2006 6:25 pm
Operator : PhilipB
Sample : IC68-20 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:49:27 2006
Response via : Initial Calibration

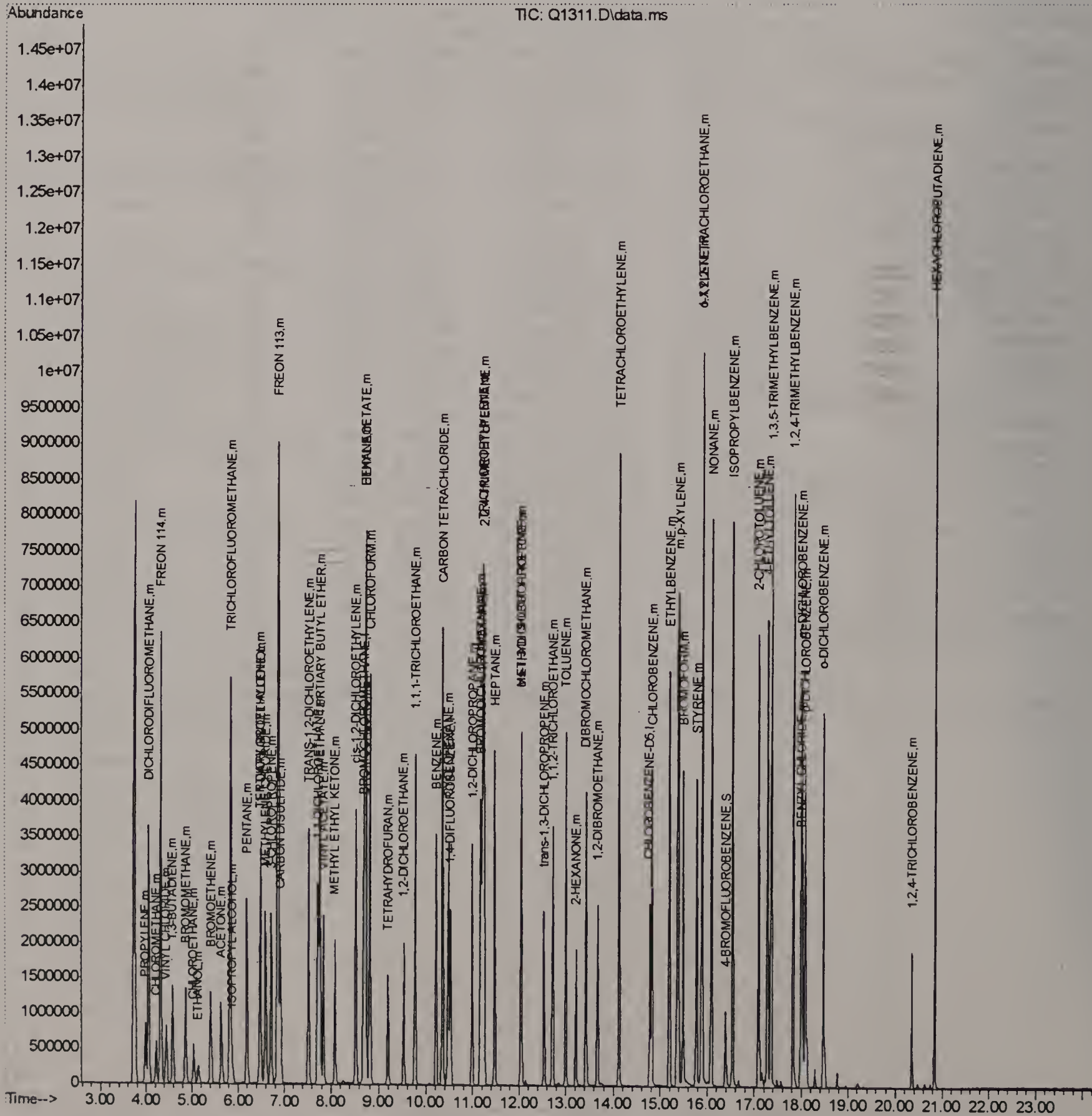
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.037	43	1941742	22.48	PPBV	96
45) cis-1,3-DICHLOROPROPENE	12.021	75	1402670	25.25	PPBV	94
46) TOLUENE	12.985	92	1720048	26.07	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.522	75	1008419	27.55	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.707	83	804840	21.96	PPBV	96
50) 2-HEXANONE	13.203	43	1231268	18.14	PPBV	95
51) TETRACHLOROETHYLENE	14.117	164	1474084	28.92	PPBV #	83
52) DIBROMOCHLOROMETHANE	13.413	129	1545709	23.34	PPBV	99
53) 1,2-DIBROMOETHANE	13.661	107	1271621	23.23	PPBV	98
54) CHLOROBENZENE	14.811	112	1725459	21.01	PPBV	94
55) ETHYLBENZENE	15.189	91	3536516	26.27	PPBV	98
56) m,p-XYLENE	15.386	106	2538312	49.88	PPBV #	89
57) o-XYLENE	15.885	106	1308033	25.85	PPBV	89
58) STYRENE	15.764	104	1680575	30.20	PPBV	95
59) NONANE	16.084	43	2741030	24.17	PPBV	92
60) BROMOFORM	15.488	173	1730542	31.96	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	2114988	23.70	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	4205316	26.72	PPBV	95
64) 2-CHLOROTOLUENE	17.076	91	3000973	27.51	PPBV	97
65) 4-ETHYLTOLUENE	17.264	105	3296440	31.94	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	3725436	30.82	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	3471298	33.90	PPBV	95
68) m-DICHLOROBENZENE	17.995	146	1757623	32.23	PPBV	95
69) BENZYL CHLORIDE	17.972	91	1633333	36.00	PPBV	99
70) p-DICHLOROBENZENE	18.070	146	1664938	29.16	PPBV	97
71) o-DICHLOROBENZENE	18.453	146	1683509	29.70	PPBV	96
72) HEXACHLOROBUTADIENE	20.844	225	1472489	27.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.354	180	391247	28.24	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1311.D  
Acq On    : 7 Aug 2006    6:25 pm  
Operator   : PhilipB  
Sample     : IC68-20 (M140)  
Misc       : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
```

Quant Time: Aug 07 18:49:55 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:49:27 2006
Response via : Initial Calibration



Initial Calibration Verification

Page 1 of 2

Sample: MSQ69-ICV
Lab FileID: Q1323.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q1323.D
Acq On : 8 Aug 2006 9:03 am
Sample : ICV (D011)
Misc : MS11934,MSQ69,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Aug 08 09:26:45 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

Compound		AvgRF	CCRF	%Dev Area%		Dev(min)	RT Window
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	-0.05	8.48- 8.89
2 m	DICHLORODIFLUOROMETHAN	4.192	4.006	4.4	111	-0.04	3.84- 4.25
3 m	PROPYLENE	0.669	0.721	-7.8	120	-0.03	3.77- 4.18
4 m	FREON 114	3.977	3.887	2.3	109	-0.04	4.10- 4.52
5 m	CHLOROMETHANE	1.058	0.838	20.8	107	-0.04	4.00- 4.41
6 m	VINYL CHLORIDE	1.130	1.016	10.1	107	-0.04	4.23- 4.64
7 m	1,3-BUTADIENE	0.984	0.980	0.4	108	-0.04	4.37- 4.78
8 m	BROMOMETHANE	1.115	1.046	6.2	104	-0.04	4.65- 5.06
9 m	CHLOROETHANE	0.506	0.470	7.1	105	-0.04	4.83- 5.24
10 m	TRICHLOROFLUOROMETHANE	4.994	4.785	4.2	104	-0.05	5.62- 6.03
----- True Calc. % Drift -----							
11 m	ISOPROPYL ALCOHOL	10.000	10.420	-4.2	100	-0.05	5.62- 6.09
----- AvgRF CCRF % Dev -----							
12 m	ACETONE	1.711	1.804	-5.4	111	-0.04	5.42- 5.83
13 m	PENTANE	1.078	0.992	8.0	100	-0.05	6.02- 6.33
14 m	1,1-DICHLOROETHYLENE	1.043	0.947	9.2	104	-0.05	6.26- 6.67
15 m	CARBON DISULFIDE	2.933	2.745	6.4	101	-0.05	6.69- 7.10
16 m	ETHANOL	0.366	0.355	3.0	106	-0.05	4.89- 5.35
17 m	BROMOETHENE	0.905	0.904	0.1	107	-0.05	5.19- 5.60
18 m	METHYLENE CHLORIDE	1.195	0.854	28.5	100	-0.05	6.43- 6.73
19 m	3-CHLOROPROPENE	1.464	1.450	1.0	103	-0.05	6.49- 6.90
20 m	FREON 113	2.571	2.627	-2.2	106	-0.05	6.63- 7.05
21 m	TRANS-1,2-DICHLOROETHY	1.090	0.989	9.3	101	-0.05	7.31- 7.72
22 m	TERTIARY BUTYL ALCOHOL	1.746	0.816	53.3#	81	-0.05	6.21- 6.73
23 m	METHYL TERTIARY BUTYL	2.721	3.129	-15.0	111	-0.04	7.55- 7.96
24 m	TETRAHYDROFURAN	0.626	0.769	-22.8	113	-0.04	9.05- 9.33
25 m	HEXANE	1.743	1.638	6.0	98	-0.05	8.51- 8.92
26 m	VINYL ACETATE	2.694	2.922	-8.5	102	-0.05	7.66- 8.01
27 m	1,1-DICHLOROETHANE	2.401	2.245	6.5	100	-0.05	7.50- 7.91
28 m	METHYL ETHYL KETONE	2.173	2.081	4.2	98	-0.04	7.83- 8.32
29 m	cis-1,2-DICHLOROETHYLE	1.230	1.185	3.7	102	-0.05	8.31- 8.72
30 m	ETHYL ACETATE	3.781	3.681	2.6	99	-0.05	8.50- 8.92
31 m	CHLOROFORM	3.134	3.276	-4.5	103	-0.05	8.60- 9.01
32 m	1,1,1-TRICHLOROETHANE	2.075	2.225	-7.2	107	-0.05	9.55- 9.97
33 m	CARBON TETRACHLORIDE	2.395	2.513	-4.9	105	-0.05	10.14-10.55
34 m	1,2-DICHLOROETHANE	1.202	1.280	-6.5	104	-0.05	9.31- 9.72
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	-0.05	10.31-10.72
36 m	BENZENE	0.855	0.958	-12.0	107	-0.05	10.00-10.41
37 m	CYCLOHEXANE	0.393	0.381	3.1	104	-0.05	10.26-10.67

Initial Calibration Verification

Page 2 of 2

Sample: MSQ69-ICV
Lab FileID: Q1323.D

38 m	TRICHLOROETHYLENE	0.424	0.443	-4.5	104	-0.05	11.04-11.35
39 m	1,2-DICHLOROPROPANE	0.303	0.330	-8.9	110	-0.05	10.77-11.19
40 m	BROMODICHLOROMETHANE	0.650	0.680	-4.6	106	-0.05	11.01-11.32
41 m	2,2,4-TRIMETHYLPENTANE	1.568	1.614	-2.9	103	-0.05	11.02-11.43
42 m	1,4-DIOXANE	0.129	0.139	-7.8	102	-0.04	10.93-11.46
43 m	HEPTANE	0.520	0.558	-7.3	102	-0.05	11.31-11.62
44 m	METHYL ISOBUTYL KETONE	0.602	0.604	-0.3	94	-0.04	11.82-12.25
45 m	cis-1,3-DICHLOROPROPEN	0.398	0.456	-14.6	108	-0.04	11.81-12.22
46 m	TOLUENE	0.476	0.578	-21.4	111	-0.05	12.77-13.18
47 m	trans-1,3-DICHLOROPROP	0.268	0.322	-20.1	105	-0.05	12.36-12.67
48 m	1,1,2-TRICHLOROETHANE	0.253	0.274	-8.3	107	-0.05	12.52-12.88
----- True Calc. % Drift -----							
49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	-0.05	14.61-14.92
50 m	2-HEXANONE	0.639	0.708	-10.8	91	-0.04	13.00-13.40
51 m	TETRACHLOROETHYLENE	0.525	0.629	-19.8	108	-0.05	13.91-14.32
52 m	DIBROMOCHLOROMETHANE	0.656	0.759	-15.7	109	-0.05	13.23-13.59
53 m	1,2-DIBROMOETHANE	0.542	0.623	-14.9	110	-0.05	13.50-13.81
54 m	CHLOROBENZENE	0.795	0.885	-11.3	109	-0.05	14.65-14.96
55 m	ETHYLBENZENE	1.371	1.728	-26.0	106	-0.05	15.01-15.37
56 m	m,p-XYLENE	0.512	0.621	-21.3	106	-0.04	15.20-15.57
57 m	o-XYLENE	0.513	0.625	-21.8	104	-0.05	15.70-16.06
58 m	STYRENE	0.588	0.778	-32.3#	106	-0.04	15.61-15.92
59 m	NONANE	1.132	1.275	-12.6	100	-0.04	15.93-16.24
60 m	BROMOFORM	0.581	0.720	-23.9	108	-0.05	15.33-15.64
61 S	4-BROMOFLUOROBENZENE	0.502	0.465	7.4	73	-0.04	16.23-16.54
62 m	1,1,2,2-TETRACHLOROETH	0.875	0.974	-11.3	99	-0.05	15.71-16.02
63 m	ISOPROPYLBENZENE	1.610	1.933	-20.1	103	-0.04	16.37-16.68
64 m	2-CHLOROTOLUENE	1.124	1.358	-20.8	101	-0.04	16.87-17.28
----- True Calc. % Drift -----							
65 m	4-ETHYLTOLUENE	10.000	10.945	-9.5	101	-0.04	17.13-17.40
----- AvgRF CCRF % Dev -----							
66 m	1,3,5-TRIMETHYLBENZENE	1.284	1.597	-24.4	102	-0.04	17.22-17.48
----- True Calc. % Drift -----							
67 m	1,2,4-TRIMETHYLBENZENE	10.000	11.103	-11.0	103	-0.04	17.66-17.97
----- AvgRF CCRF % Dev -----							
68 m	m-DICHLOROBENZENE	0.587	0.719	-22.5	102	-0.04	17.83-18.16
----- True Calc. % Drift -----							
69 m	BENZYL CHLORIDE	10.000	10.264	-2.6	91	-0.04	17.81-18.12
----- AvgRF CCRF % Dev -----							
70 m	p-DICHLOROBENZENE	0.597	0.713	-19.4	102	-0.04	17.95-18.19
71 m	o-DICHLOROBENZENE	0.596	0.734	-23.2	103	-0.04	18.30-18.61
72 m	HEXACHLOROBUTADIENE	0.554	0.576	-4.0	89	-0.03	20.64-21.05
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.162	-12.5	94	-0.03	20.15-20.56
74 m	NAPHTHALENE					-NA-	

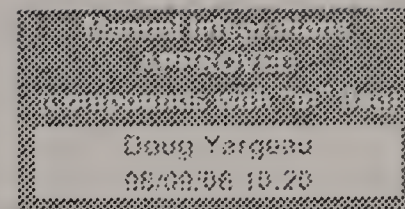
(#) = Out of Range

Q1309.D Q080706T.m

SPCC's out = 0 CCC's out = 0

Tue Aug 08 09:28:12 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	10.42	PPBV	87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : ICV (D011)
Misc : MS11922,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

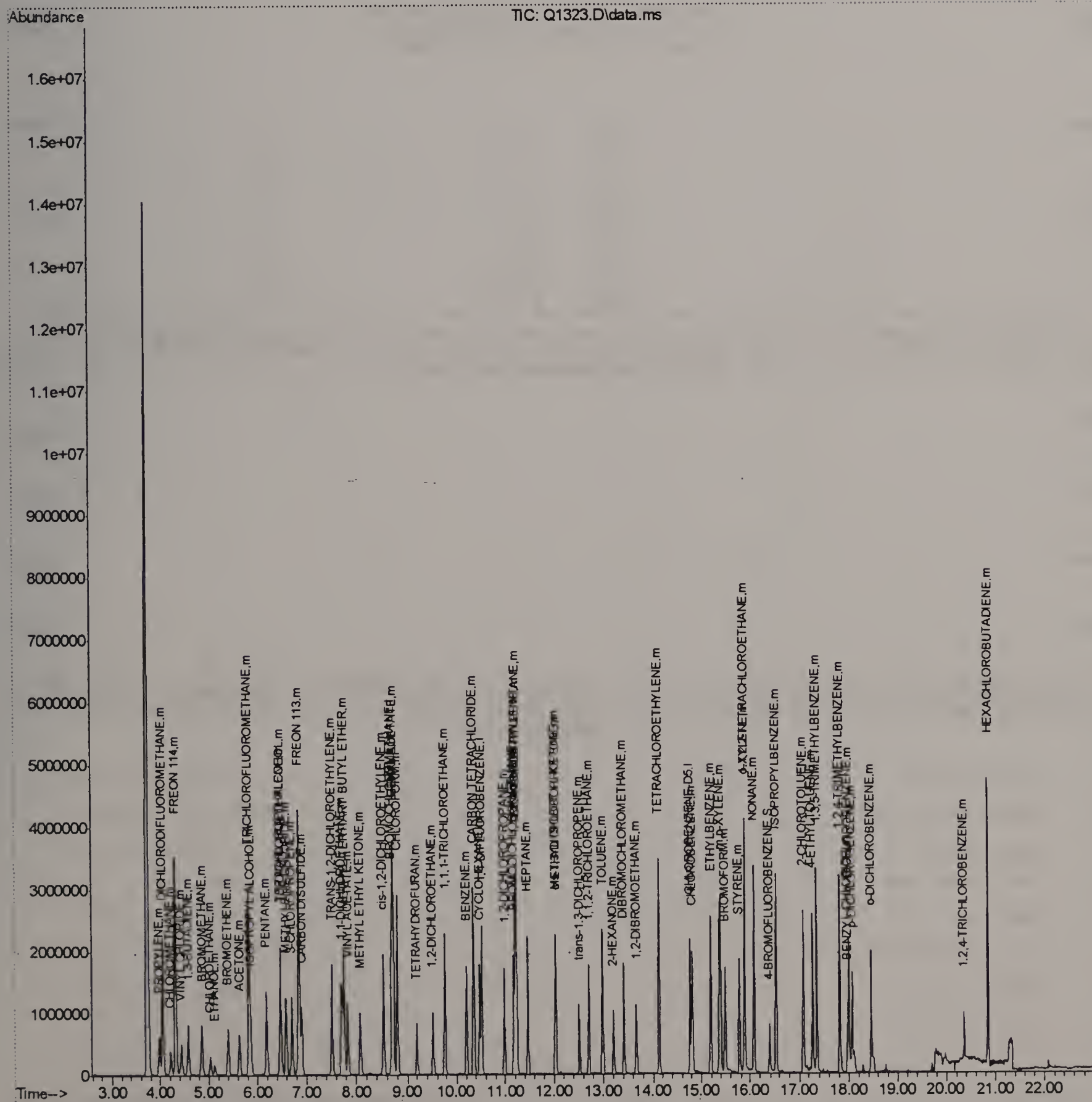
Quant Time: Aug 08 09:27:46 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1168959m	24.28	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q1323.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : ICV (D011)
Misc : MS11922,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

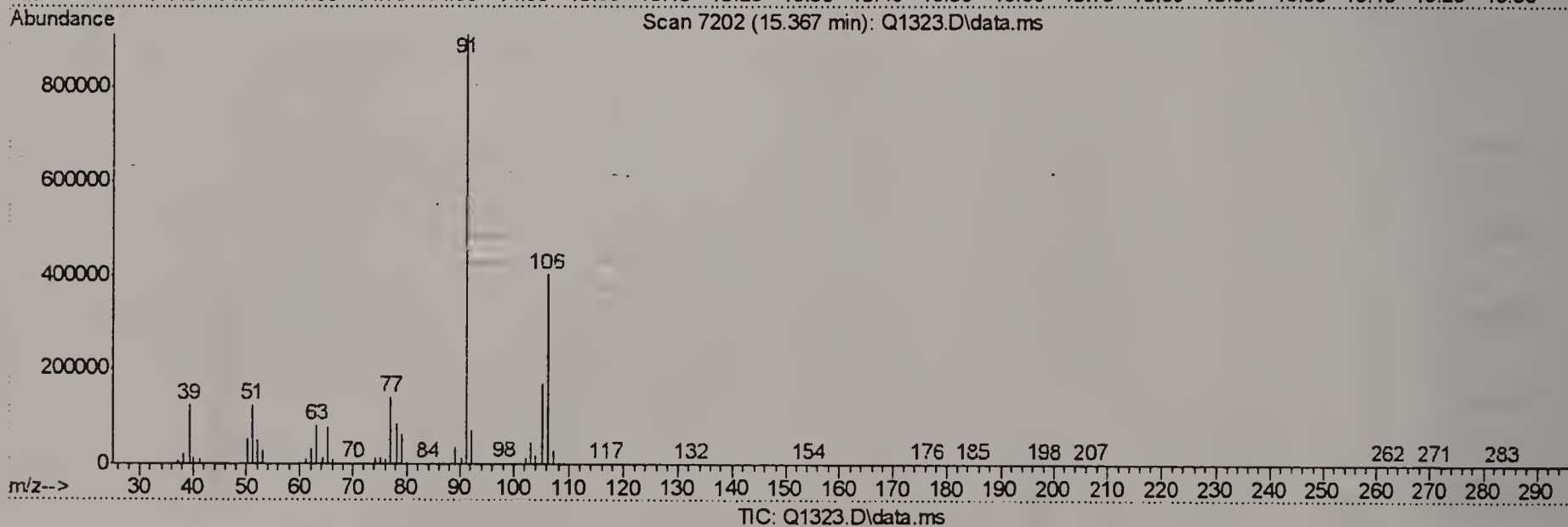
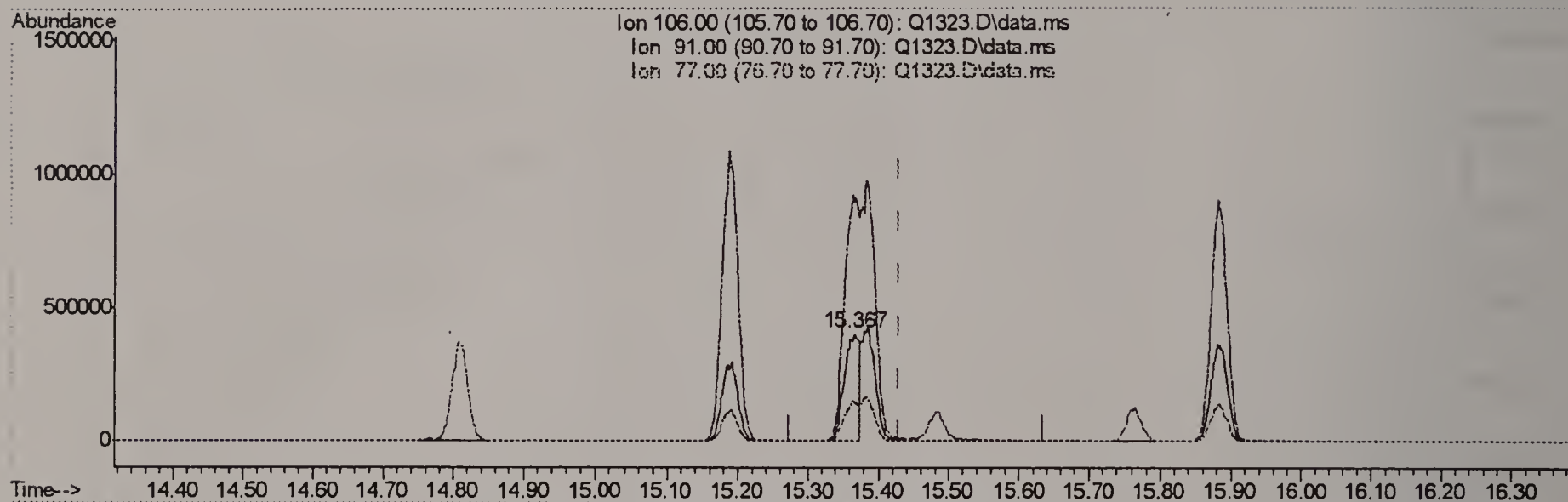
Quant Time: Aug 08 09:27:46 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

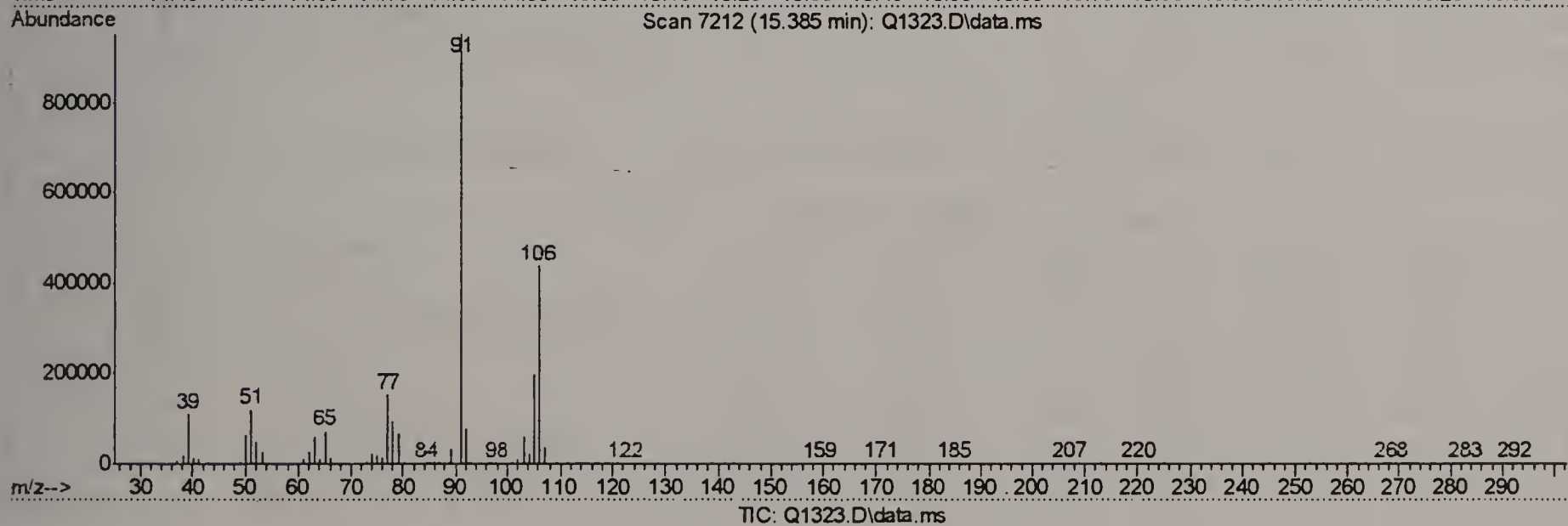
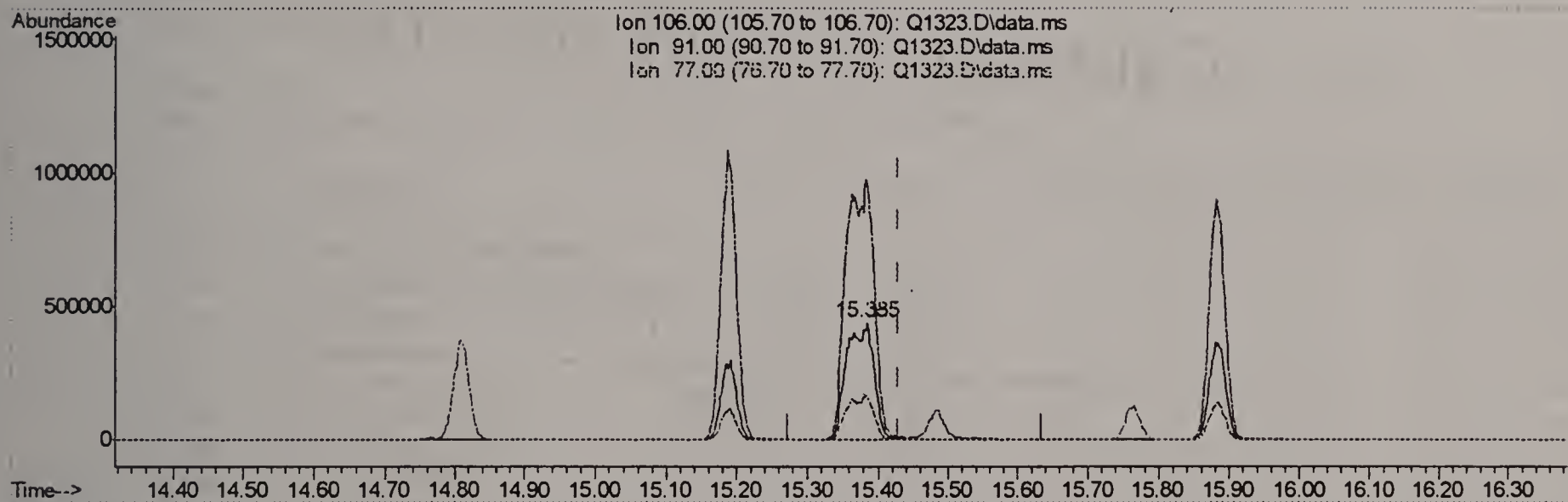
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.385min (-0.044) 24.28PPBV m

response 1168959

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

Calibration Verification Data

70 - 15
(Test)

Continuing Calibration Summary

Page 1 of 2

Job Number: M58073
 Account: GEI GEI Consultants, Inc.
 Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-CC68
 Lab FileID: Q1323B.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q1323B.D

Vial: 3

Acq On : 8 Aug 2006 9:03 am

Operator: PhilipB

Sample : CC68-10 (D011)

Inst : MAMSQ

Misc : MS11934,MSQ69,,,,,1

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)

Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um

Last Update : Tue Aug 08 10:04:39 2006

Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT	Window
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	-0.05	8.48-	8.89
2 m	DICHLORODIFLUOROMETHAN	4.192	4.006	4.4	111	-0.04	3.84-	4.25
3 m	PROPYLENE	0.669	0.721	-7.8	120	-0.03	3.77-	4.18
4 m	FREON 114	3.977	3.887	2.3	109	-0.04	4.10-	4.52
5 m	CHLOROMETHANE	1.058	0.838	20.8	107	-0.04	4.00-	4.41
6 m	VINYL CHLORIDE	1.130	1.016	10.1	107	-0.04	4.23-	4.64
7 m	1,3-BUTADIENE	0.984	0.980	0.4	108	-0.04	4.37-	4.78
8 m	BROMOMETHANE	1.115	1.046	6.2	104	-0.04	4.65-	5.06
9 m	CHLOROETHANE	0.506	0.470	7.1	105	-0.04	4.83-	5.24
10 m	TRICHLOROFLUOROMETHANE	4.994	4.785	4.2	104	-0.05	5.62-	6.03
----- True Calc. % Drift -----								
11 m	ISOPROPYL ALCOHOL	10.000	10.420	-4.2	100	-0.05	5.62-	6.09
----- AvgRF CCRF % Dev -----								
12 m	ACETONE	1.711	1.804	-5.4	111	-0.04	5.42-	5.83
13 m	PENTANE	1.078	0.992	8.0	100	-0.05	6.02-	6.33
14 m	1,1-DICHLOROETHYLENE	1.043	0.947	9.2	104	-0.05	6.26-	6.67
15 m	CARBON DISULFIDE	2.933	2.745	6.4	101	-0.05	6.69-	7.10
16 m	ETHANOL	0.366	0.355	3.0	106	-0.05	4.89-	5.35
17 m	BROMOETHENE	0.905	0.904	0.1	107	-0.05	5.19-	5.60
18 m	METHYLENE CHLORIDE	1.195	0.854	28.5	100	-0.05	6.43-	6.73
19 m	3-CHLOROPROPENE	1.464	1.450	1.0	103	-0.05	6.49-	6.90
20 m	FREON 113	2.571	2.627	-2.2	106	-0.05	6.63-	7.05
21 m	TRANS-1,2-DICHLOROETHY	1.090	0.989	9.3	101	-0.05	7.31-	7.72
22 m	TERTIARY BUTYL ALCOHOL	1.746	0.816	53.3#	81	-0.05	6.21-	6.73
23 m	METHYL TERTIARY BUTYL	2.721	3.129	-15.0	111	-0.04	7.55-	7.96
24 m	TETRAHYDROFURAN	0.626	0.769	-22.8	113	-0.04	9.05-	9.33
25 m	HEXANE	1.743	1.638	6.0	98	-0.05	8.51-	8.92
26 m	VINYL ACETATE	2.694	2.922	-8.5	102	-0.05	7.66-	8.01
27 m	1,1-DICHLOROETHANE	2.401	2.245	6.5	100	-0.05	7.50-	7.91
28 m	METHYL ETHYL KETONE	2.173	2.081	4.2	98	-0.04	7.83-	8.32
29 m	cis-1,2-DICHLOROETHYLE	1.230	1.185	3.7	102	-0.05	8.31-	8.72
30 m	ETHYL ACETATE	3.781	3.681	2.6	99	-0.05	8.50-	8.92
31 m	CHLOROFORM	3.134	3.276	-4.5	103	-0.05	8.60-	9.01
32 m	1,1,1-TRICHLOROETHANE	2.075	2.225	-7.2	107	-0.05	9.55-	9.97
33 m	CARBON TETRACHLORIDE	2.395	2.513	-4.9	105	-0.05	10.14-	10.55
34 m	1,2-DICHLOROETHANE	1.202	1.280	-6.5	104	-0.05	9.31-	9.72
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	-0.05	10.31-	10.72
36 m	BENZENE	0.855	0.958	-12.0	107	-0.05	10.00-	10.41
37 m	CYCLOHEXANE	0.393	0.381	3.1	104	-0.05	10.26-	10.67

Continuing Calibration Summary

Page 2 of 2

Job Number: M58073

Sample: MSQ69-CC68

Account: GEI GEI Consultants, Inc.

Lab FileID: Q1323B.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38 m	TRICHLOROETHYLENE	0.424	0.443	-4.5	104	-0.05	11.04-11.35
39 m	1,2-DICHLOROPROPANE	0.303	0.330	-8.9	110	-0.05	10.77-11.19
40 m	BROMODICHLOROMETHANE	0.650	0.680	-4.6	106	-0.05	11.01-11.32
41 m	2,2,4-TRIMETHYLPENTANE	1.568	1.614	-2.9	103	-0.05	11.02-11.43
42 m	1,4-DIOXANE	0.129	0.139	-7.8	102	-0.04	10.93-11.46
43 m	HEPTANE	0.520	0.558	-7.3	102	-0.05	11.31-11.62
44 m	METHYL ISOBUTYL KETONE	0.602	0.604	-0.3	94	-0.04	11.82-12.25
45 m	cis-1,3-DICHLOROPROPEN	0.398	0.456	-14.6	108	-0.04	11.81-12.22
46 m	TOLUENE	0.476	0.578	-21.4	111	-0.05	12.77-13.18
47 m	trans-1,3-DICHLOROPROP	0.268	0.322	-20.1	105	-0.05	12.36-12.67
48 m	1,1,2-TRICHLOROETHANE	0.253	0.274	-8.3	107	-0.05	12.52-12.88
49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	-0.05	14.61-14.92
50 m	2-HEXANONE	0.639	0.708	-10.8	91	-0.04	13.00-13.40
51 m	TETRACHLOROETHYLENE	0.525	0.629	-19.8	108	-0.05	13.91-14.32
52 m	DIBROMOCHLOROMETHANE	0.656	0.759	-15.7	109	-0.05	13.23-13.59
53 m	1,2-DIBROMOETHANE	0.542	0.623	-14.9	110	-0.05	13.50-13.81
54 m	CHLOROBENZENE	0.795	0.885	-11.3	109	-0.05	14.65-14.96
55 m	ETHYLBENZENE	1.371	1.728	-26.0	106	-0.05	15.01-15.37
56 m	m,p-XYLENE	0.512	0.621	-21.3	106	-0.04	15.20-15.57
57 m	o-XYLENE	0.513	0.625	-21.8	104	-0.05	15.70-16.06
58 m	STYRENE	0.588	0.778	-32.3#	106	-0.04	15.61-15.92
59 m	NONANE	1.132	1.275	-12.6	100	-0.04	15.93-16.24
60 m	BROMOFORM	0.581	0.720	-23.9	108	-0.05	15.33-15.64
61 S	4-BROMOFLUOROBENZENE	0.502	0.465	7.4	73	-0.04	16.23-16.54
62 m	1,1,2,2-TETRACHLOROETH	0.875	0.974	-11.3	99	-0.05	15.71-16.02
63 m	ISOPROPYLBENZENE	1.610	1.933	-20.1	103	-0.04	16.37-16.68
64 m	2-CHLOROTOLUENE	1.124	1.358	-20.8	101	-0.04	16.87-17.28
		True	Calc.	% Drift			
65 m	4-ETHYLTOLUENE	10.000	10.945	-9.5	101	-0.04	17.13-17.40
		AvgRF	CCRF	% Dev			
66 m	1,3,5-TRIMETHYLBENZENE	1.284	1.597	-24.4	102	-0.04	17.22-17.48
		True	Calc.	% Drift			
67 m	1,2,4-TRIMETHYLBENZENE	10.000	11.103	-11.0	103	-0.04	17.66-17.97
		AvgRF	CCRF	% Dev			
68 m	m-DICHLOROBENZENE	0.587	0.719	-22.5	102	-0.04	17.83-18.16
		True	Calc.	% Drift			
69 m	BENZYL CHLORIDE	10.000	10.264	-2.6	91	-0.04	17.81-18.12
		AvgRF	CCRF	% Dev			
70 m	p-DICHLOROBENZENE	0.597	0.713	-19.4	102	-0.04	17.95-18.19
71 m	o-DICHLOROBENZENE	0.596	0.734	-23.2	103	-0.04	18.30-18.61
72 m	HEXACHLOROBUTADIENE	0.554	0.576	-4.0	89	-0.03	20.64-21.05
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.162	-12.5	94	-0.03	20.15-20.56
74 m	NAPHTHALENE			-----NA-----			

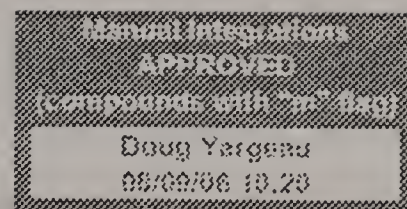
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Q1309.D Q080706T.m

Tue Aug 08 11:46:52 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount 5.000	Range 57 - 139		Recovery	=	92.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	Below Cal		87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

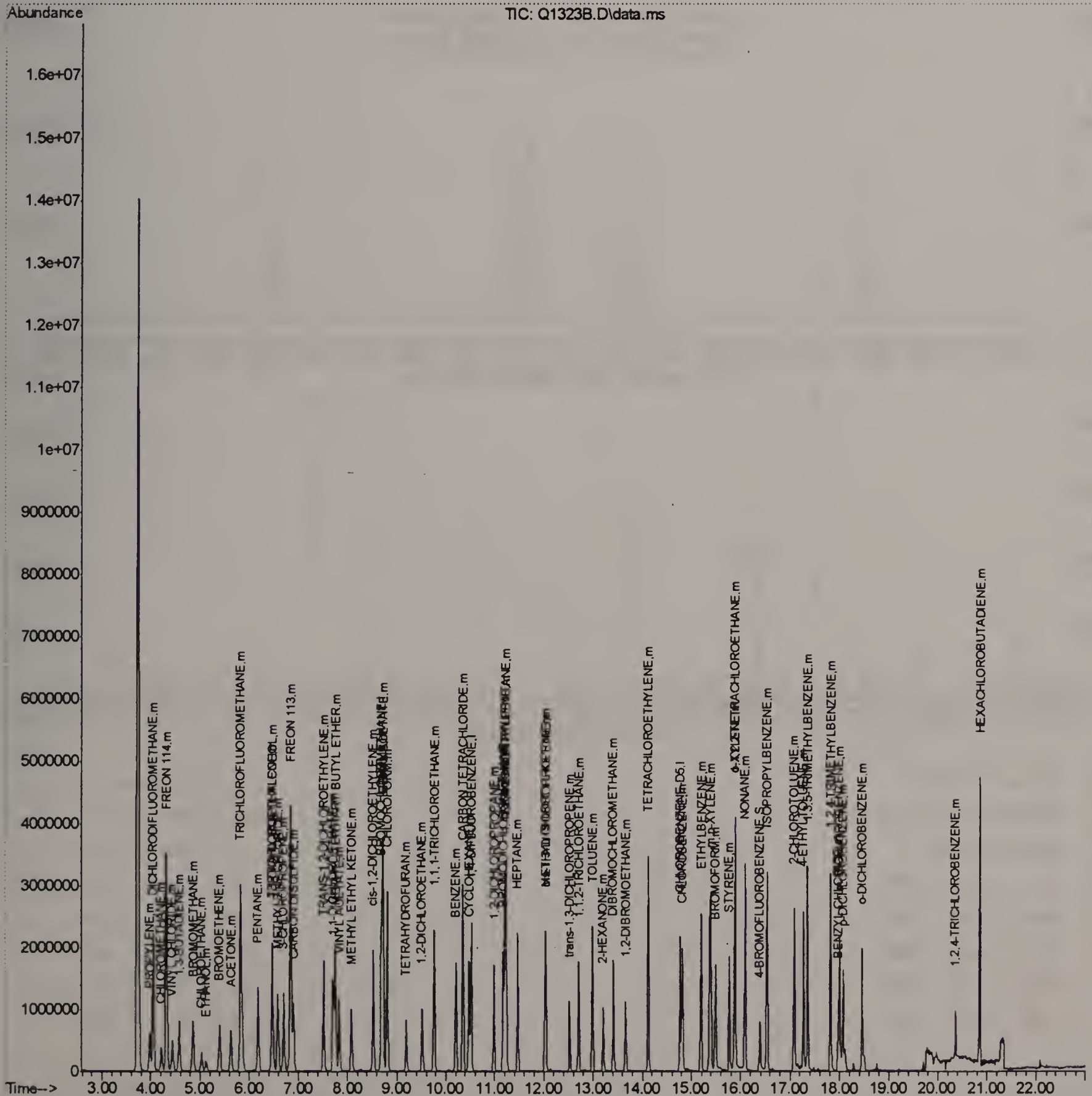
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1168493m	24.27	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323B.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : CC68-10 (D011)
Misc : MS11934,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

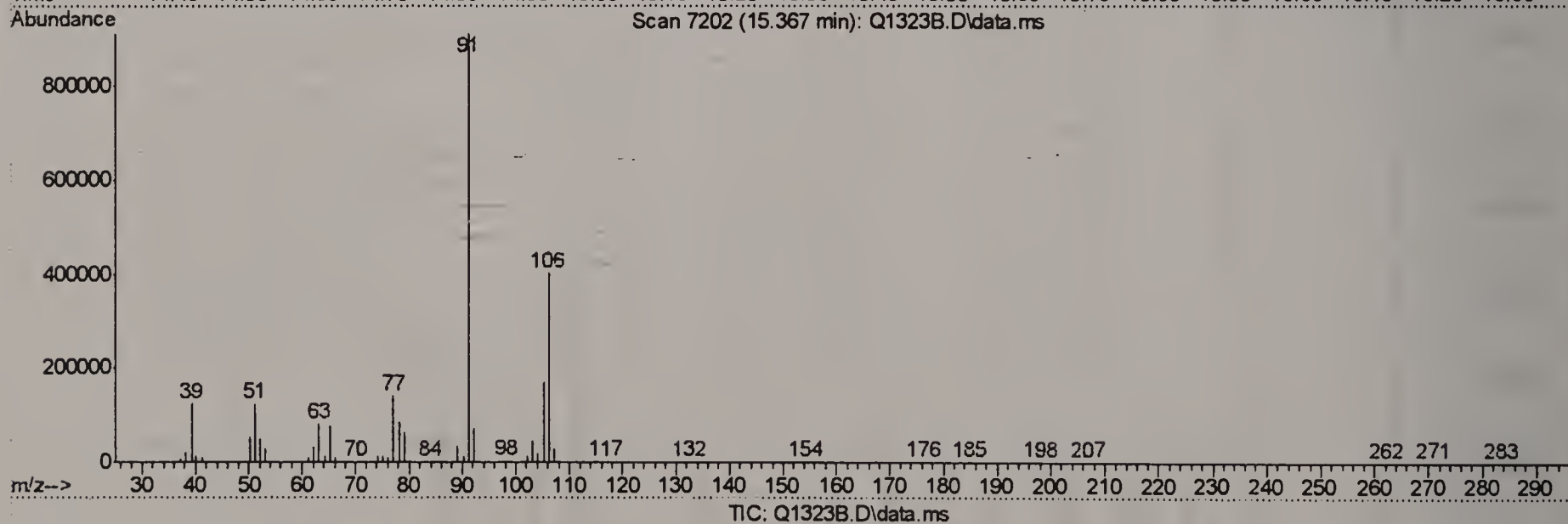
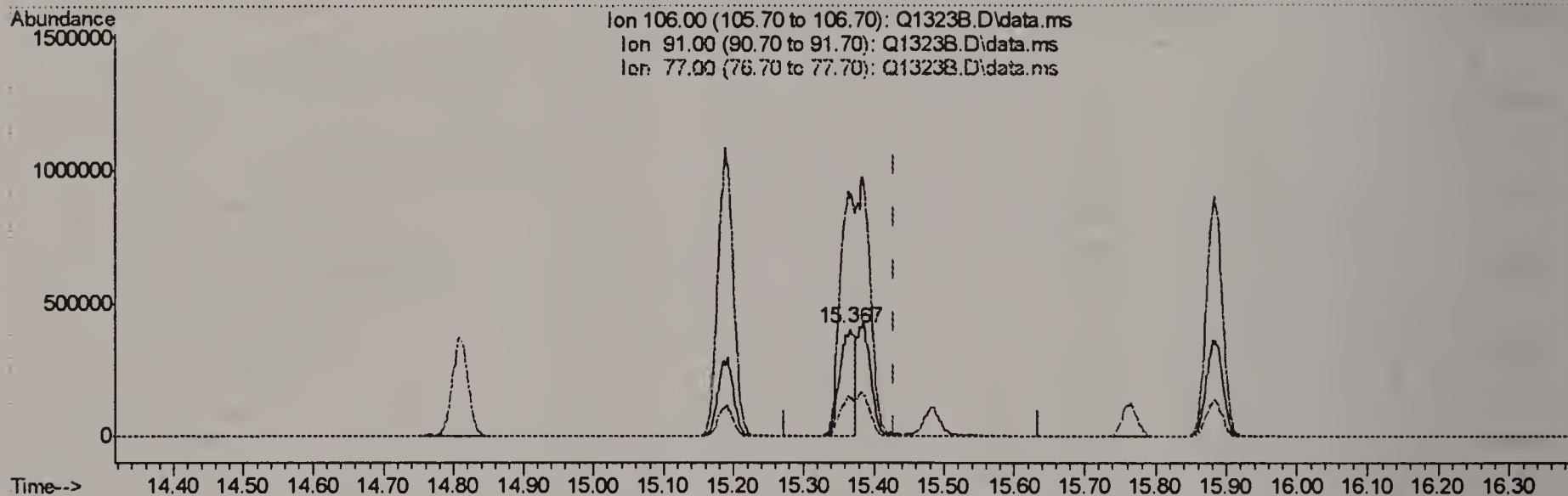
Quant Time: Aug 08 11:46:32 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 10:04:39 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

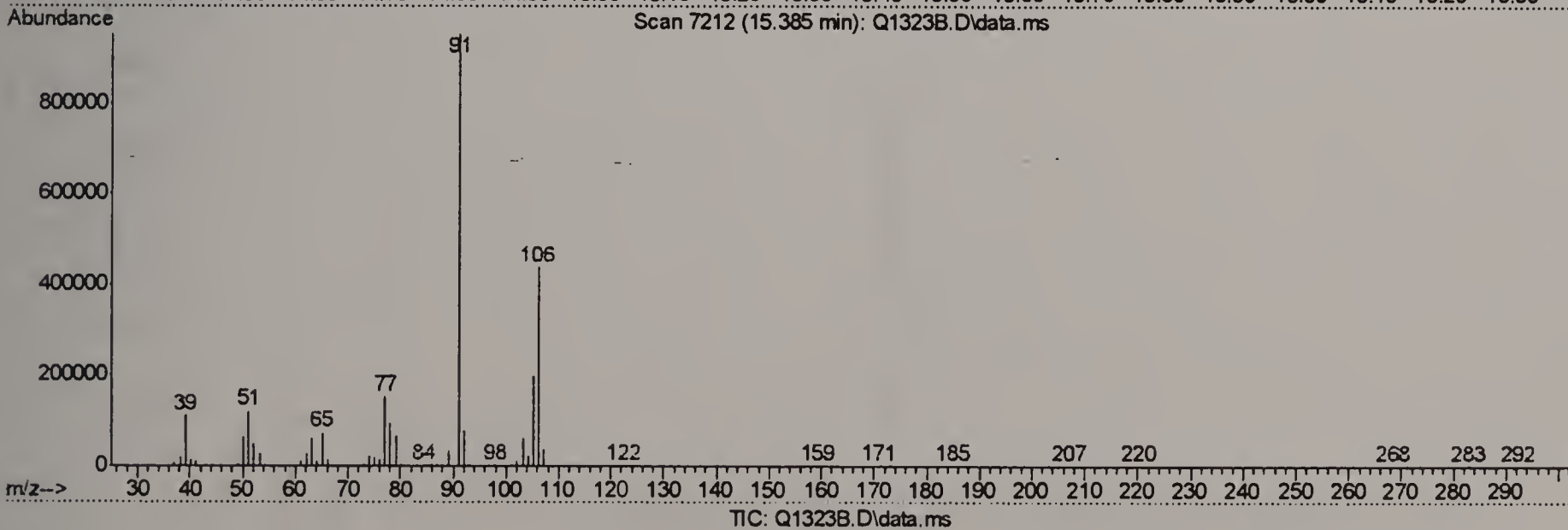
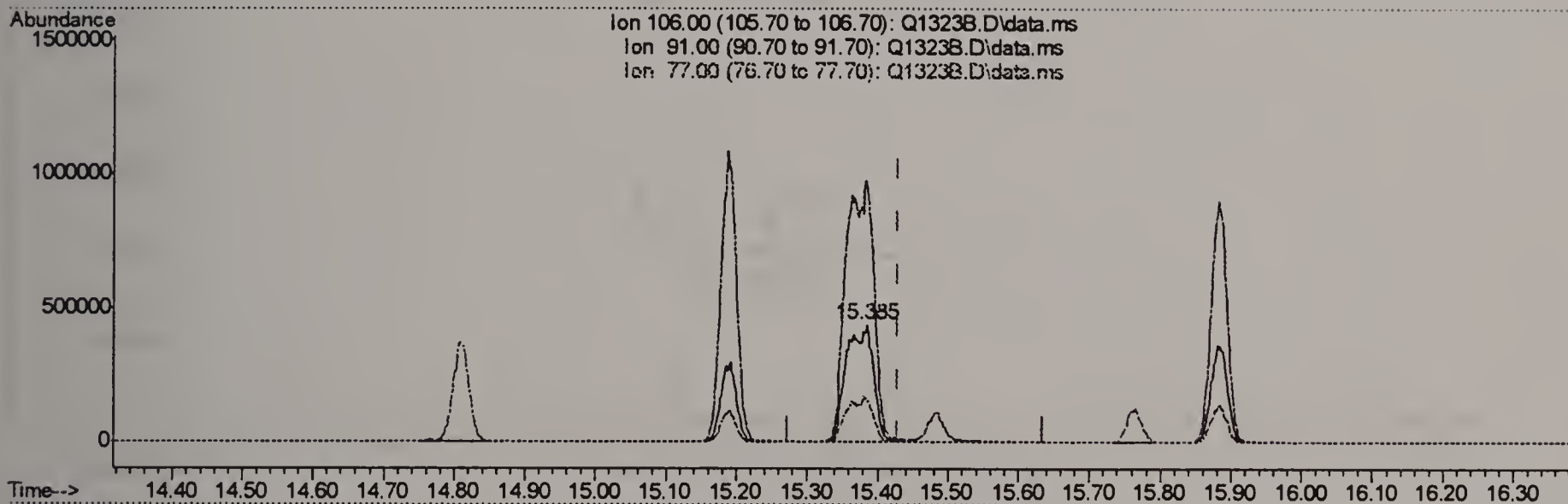
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.385min (-0.044) 24.27PPBV m

response 1168493

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

QC Raw Data

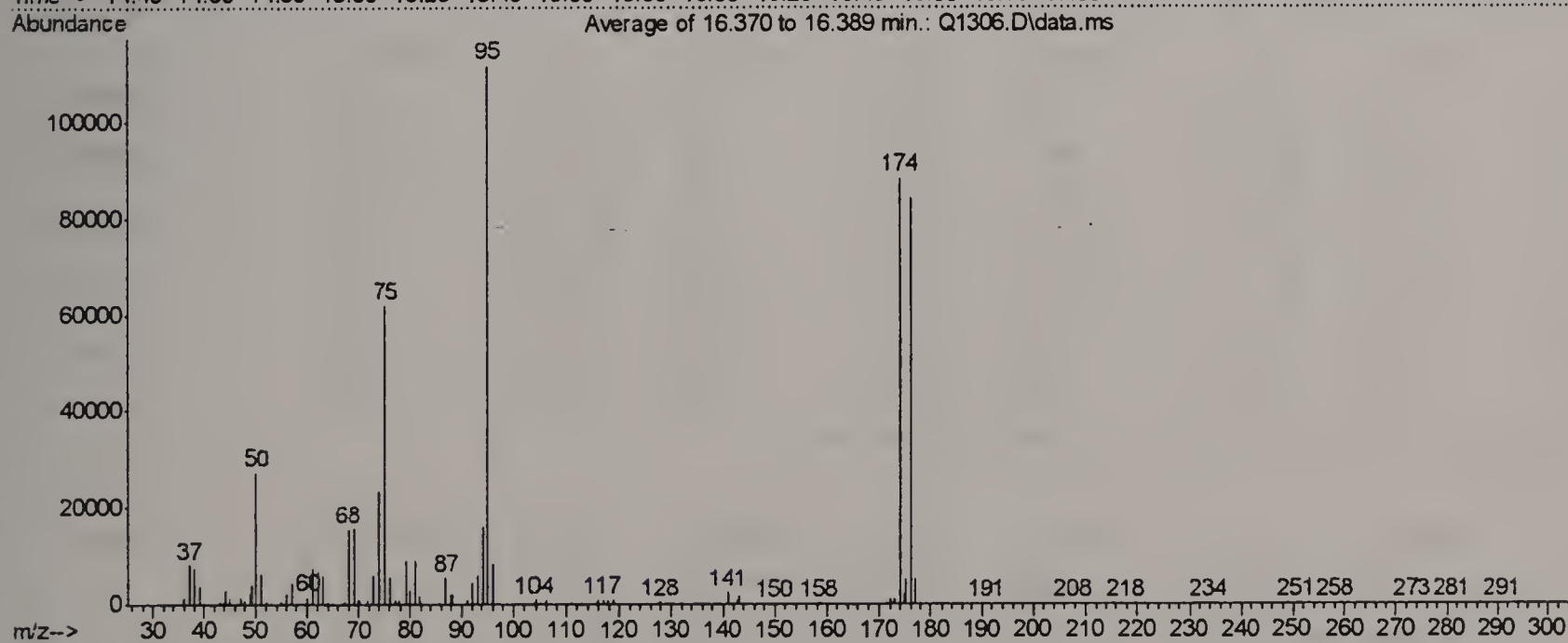
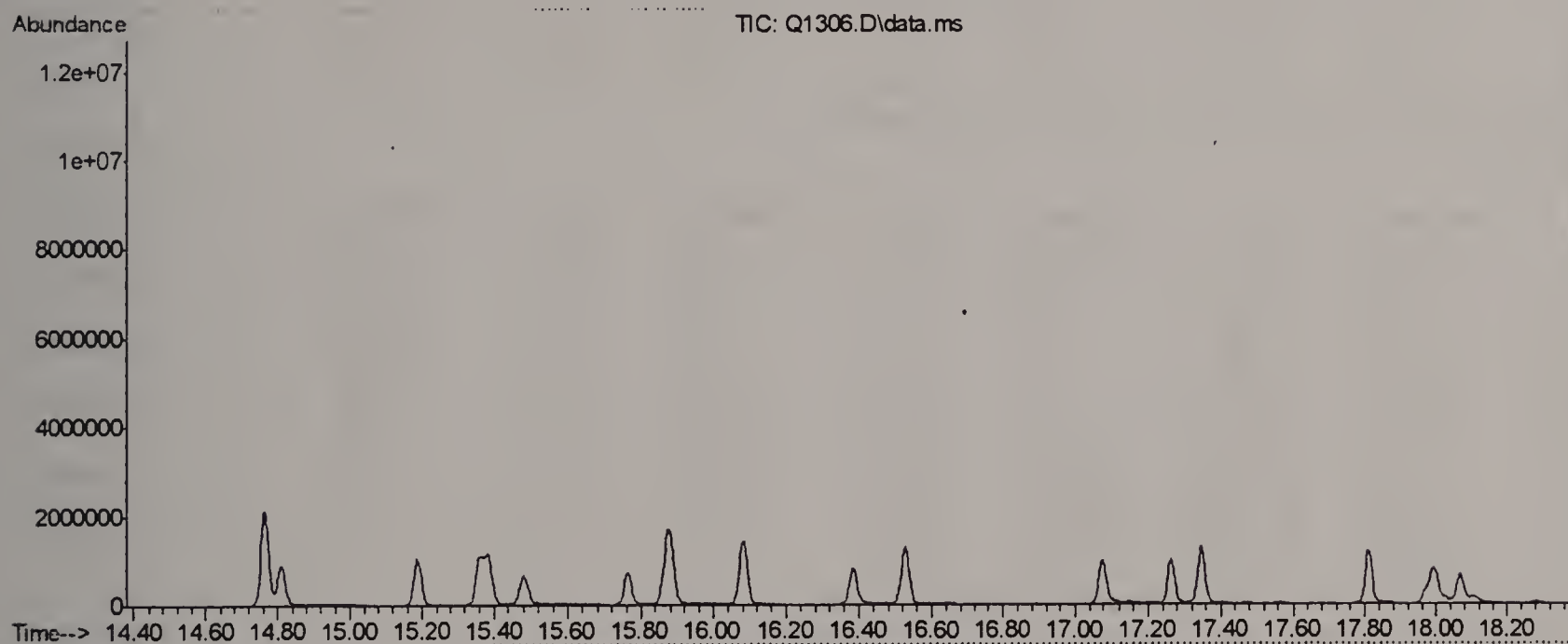
$$\frac{T_0 - 15}{(\text{Test})}$$

BFB

Data File : C:\msdchem\1\DATA\Q1306.D
Acq On : 7 Aug 2006 1:05 pm
Sample : IC68-5 (M140)
Misc : MS11916,MSQ68,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.370 to 16.389 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.4	27326	PASS
75	95	30	66	55.4	61927	PASS
95	95	100	100	100.0	111867	PASS
96	95	5	9	7.3	8195	PASS
173	174	0.00	2	1.2	1020	PASS
174	95	50	120	79.0	88389	PASS
175	174	4	9	5.8	5092	PASS
176	174	93	101	95.4	84322	PASS
177	176	5	9	6.2	5203	PASS

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.15	179	41.80	51	47.50	286	53.00	205
35.95	873	43.00	452	47.70	87	53.25	85
36.20	1430	43.90	474	48.05	867	54.00	86
37.15	8290	44.10	2773	49.00	2313	55.05	454
38.10	7463	44.70	42	49.15	3890	55.25	198
39.10	3632	45.00	1358	50.10	27326	56.05	2193
39.80	108	45.25	225	51.05	6344	56.80	367
39.95	297	45.80	47	51.25	1996	57.10	4406
40.15	200	46.20	59	51.90	160	57.90	141
40.75	121	46.35	185	52.10	441	58.05	174
41.20	309	47.10	1521	52.40	42	58.50	166

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
59.10	62	65.00	356	70.85	129	77.85	844
59.85	306	65.10	127	71.70	212	79.00	9203
60.10	1474	65.25	244	71.80	122	80.00	2777
60.30	140	66.00	40	71.95	870	81.05	9260
61.05	7362	66.20	92	72.30	179	81.90	1830
62.10	6815	66.90	207	73.05	5946	82.10	576
63.05	6065	67.25	658	74.05	23448	83.00	405
63.85	221	68.00	15595	75.10	61927	83.20	45
64.10	641	69.10	15845	76.15	5686	84.80	59
64.40	136	70.00	1022	76.95	426	85.10	39
64.95	278	70.15	823	77.25	762	85.60	83

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.90	265	90.75	99	98.00	143	105.30	62
86.10	52	90.90	54	98.70	73	105.70	69
87.00	5507	91.10	897	102.00	78	105.80	180
87.85	958	92.10	4622	103.00	39	105.95	874
87.90	334	93.10	6075	103.20	51	107.00	82
88.00	2013	94.10	15961	103.80	260	109.30	58
88.15	2039	95.05	111867	103.90	188	109.90	91
88.90	137	96.05	8195	104.05	1029	110.20	54
89.25	109	96.80	151	104.70	107	110.70	156
89.50	57	97.00	182	104.80	79	111.05	230
90.20	53	97.40	59	104.95	173	111.85	338

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
112.10	60	116.50	85	123.90	111	129.75	73
112.65	175	116.90	962	124.15	81	129.80	284
112.80	103	117.05	537	124.90	103	129.90	180
113.00	69	117.60	59	125.15	95	130.05	271
114.30	69	117.90	862	125.60	48	131.00	143
114.70	151	118.10	48	125.90	63	132.30	35
115.00	40	118.85	935	127.75	179	133.65	71
115.70	200	119.05	331	127.95	460	134.60	100
115.80	45	122.00	64	128.20	104	134.85	421
115.95	745	122.20	47	128.70	37	135.10	231
116.30	83	123.60	35	129.05	276	136.75	194

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

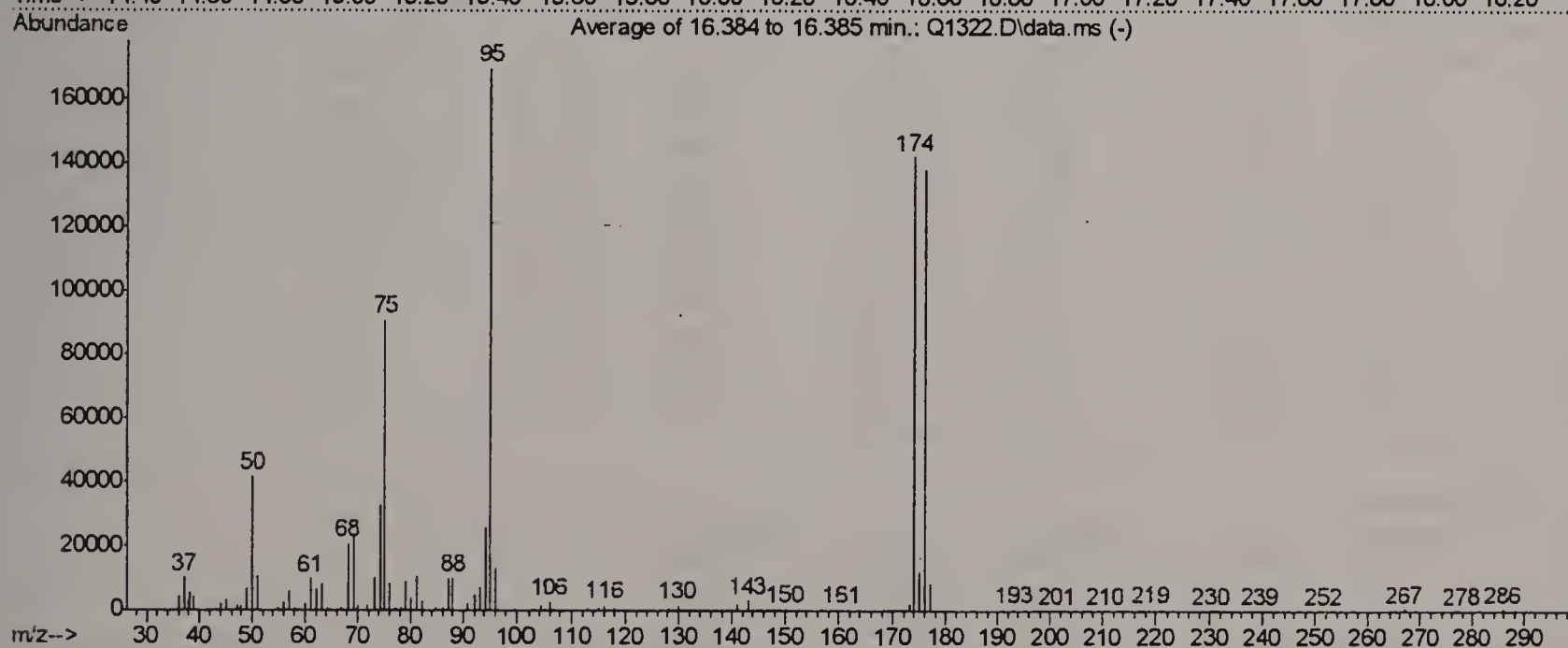
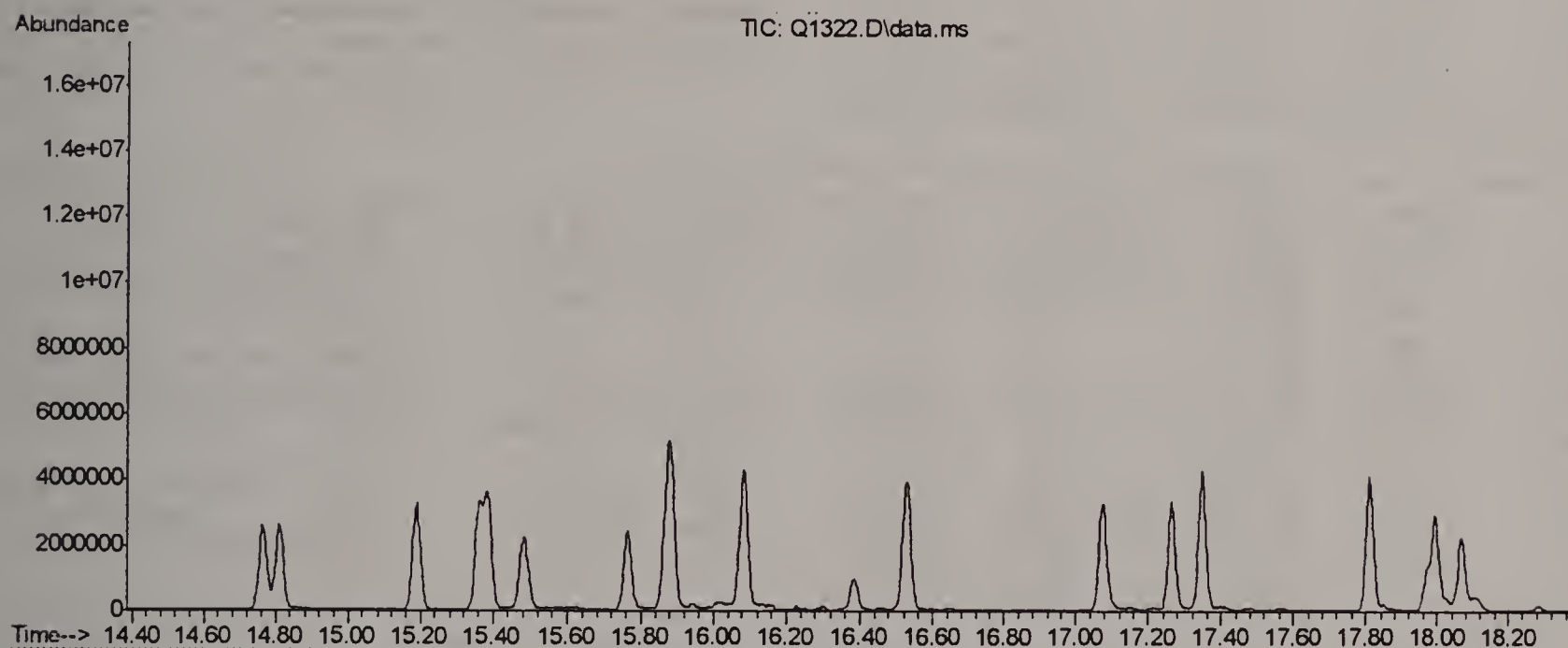
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
137.15	129	142.00	220	147.20	54	155.90	45
138.10	97	142.90	911	147.70	46	156.90	43
138.70	36	143.10	1697	147.95	165	157.20	36
139.00	48	143.70	62	148.90	79	157.80	52

BFB

Data File : C:\msdchem\1\DATA\Q1322.D
Acq On : 8 Aug 2006 8:18 am
Sample : CC68-10 (M140)
Misc : MS11922,MSQ69,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.384 to 16.385 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.7	41996	PASS
75	95	30	66	53.6	91082	PASS
95	95	100	100	100.0	169936	PASS
96	95	5	9	7.8	13283	PASS
173	174	0.00	2	1.4	2039	PASS
174	95	50	120	83.7	142208	PASS
175	174	4	9	8.5	12064	PASS
176	174	93	101	96.9	137856	PASS
177	176	5	9	6.4	8821	PASS

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	4354	48.00	1494	62.05	7112	73.10	10305
37.05	10288	49.00	6824	63.05	8328	74.15	33268
37.95	3257	50.10	41996	64.10	920	75.05	91082
38.20	5719	51.15	10697	65.00	493	76.10	8686
39.10	4452	55.15	724	66.00	344	76.80	485
43.20	357	56.10	2762	66.80	825	77.00	1005
43.40	232	57.15	5959	67.10	295	77.50	525
44.05	2262	58.25	677	68.10	21012	78.05	941
45.10	3310	59.10	429	69.15	23492	79.05	8946
46.50	257	60.00	2101	70.10	1637	79.95	3902
47.05	1667	61.05	9994	71.85	1802	81.00	10695

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.10	2880	95.05	169936	110.90	294	124.00	492
83.30	212	96.10	13283	111.60	370	128.10	731
84.85	706	99.60	559	112.85	882	128.90	637
86.00	957	100.40	205	115.10	917	129.90	1904
87.00	10037	102.75	319	116.05	1866	131.90	658
88.00	10060	103.10	341	116.80	475	133.00	500
89.80	221	104.15	1613	117.20	649	133.80	299
90.90	2001	105.00	500	117.80	350	135.10	237
92.05	4941	105.95	2699	118.00	687	135.80	382
93.10	7411	106.70	368	119.10	396	137.20	276
94.10	26208	108.00	224	123.00	243	138.20	320

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.40	355	149.00	588	160.65	554	172.70	458
140.00	471	150.10	463	161.90	531	173.00	2039
141.00	2407	151.80	210	163.80	484	174.00	142208
143.05	3444	152.50	284	168.30	333	175.05	12064
144.00	609	154.70	354	169.10	284	176.00	137856
145.00	252	156.90	480	169.70	334	176.95	8821
145.20	525	157.20	245	170.50	275	190.20	222
145.80	373	157.60	274	170.90	466	193.15	572
147.20	505	158.60	317	171.20	356	201.50	216
147.90	541	159.10	383	171.80	494	206.00	215
148.10	618	159.80	315	172.10	519	207.00	112

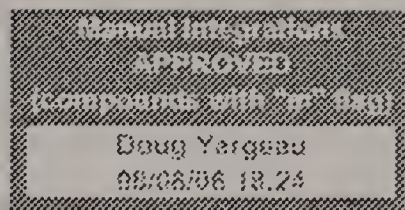
Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.30	215	230.30	295	266.90	866		
210.50	294	230.90	258	267.20	308		
213.90	249	231.70	259	268.10	204		
214.60	248	232.50	258	269.00	306		
216.70	243	234.20	231	277.90	203		
217.80	249	239.50	250	278.60	202		
218.95	458	243.60	209	281.10	353		
219.70	239	251.70	212	285.90	867		
220.80	269	255.40	204	289.35	8		
221.30	267	260.00	215				
225.50	212	265.70	217				

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 16:49:39 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.681	128	468774	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.513	114	1114562	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.765	117	617315	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE 16.384 95 112252m 3.62 PPBV -0.05
 Spiked Amount 5.000 Range 57 - 139 Recovery = 72.40%

Target Compounds

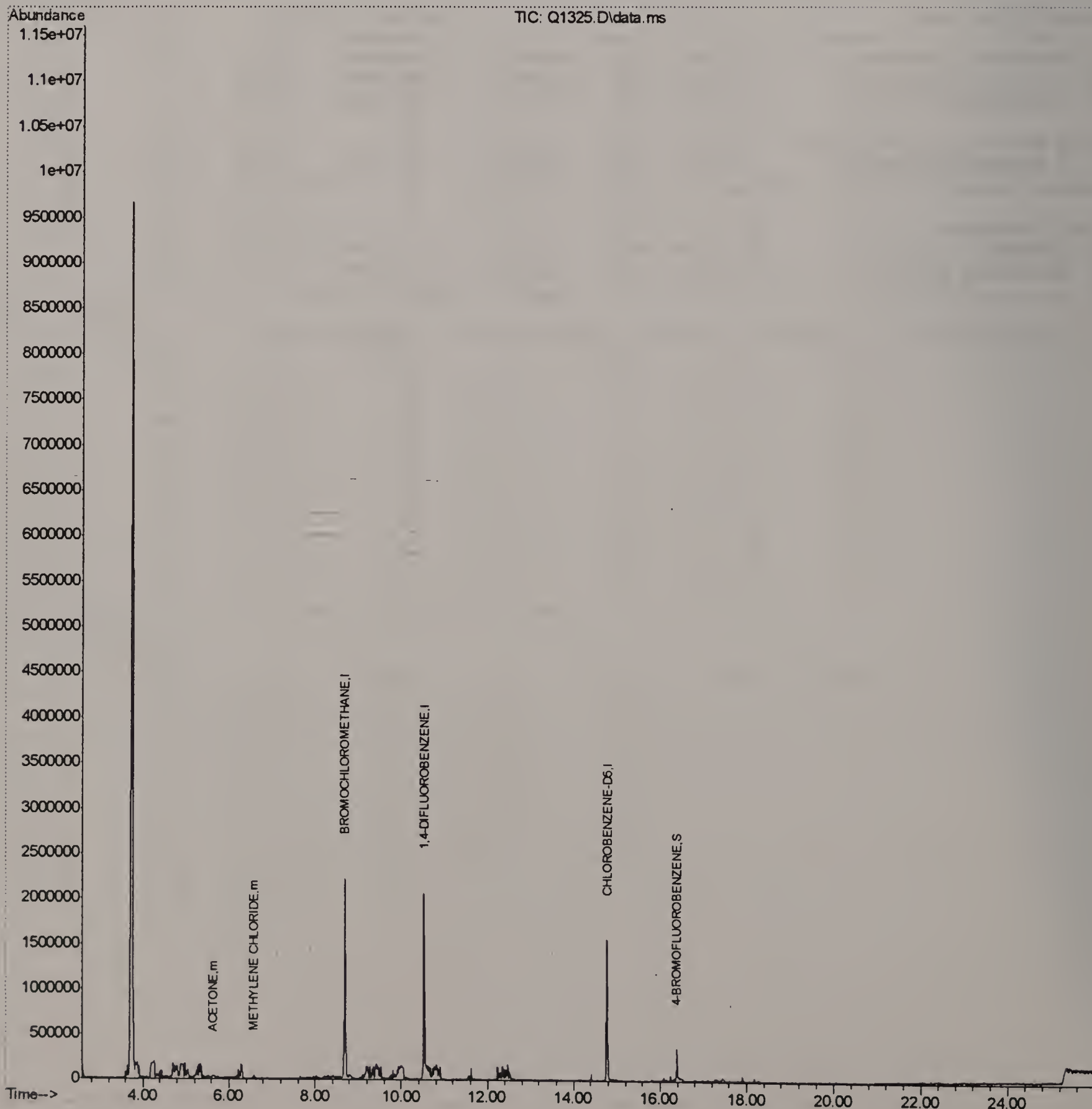
	R.T.	QIon	Response	Conc	Units	Qvalue
12) ACETONE	5.634	43	22189	0.28	PPBV	72
18) METHYLENE CHLORIDE	6.582	84	11002m	0.20	PPBV	

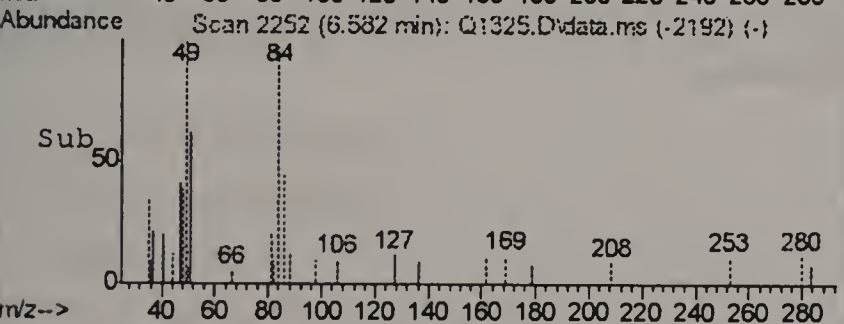
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

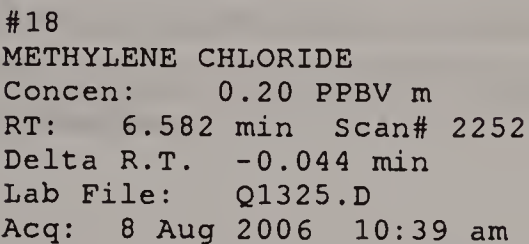
Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 16:49:39 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

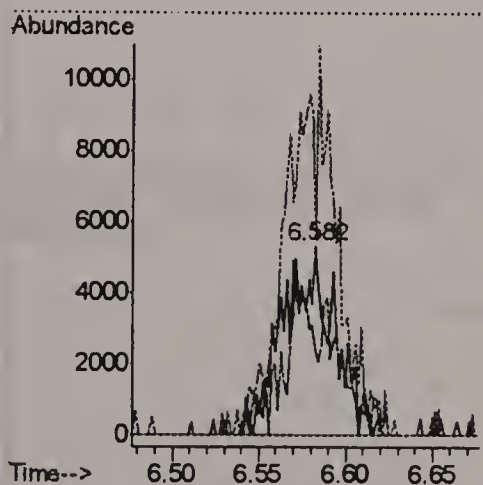




Tgt	Ion: 43	Resp:	22189
Ion	Ratio	Lower	Upper
43	100		
58	10.2	4.1	44.1



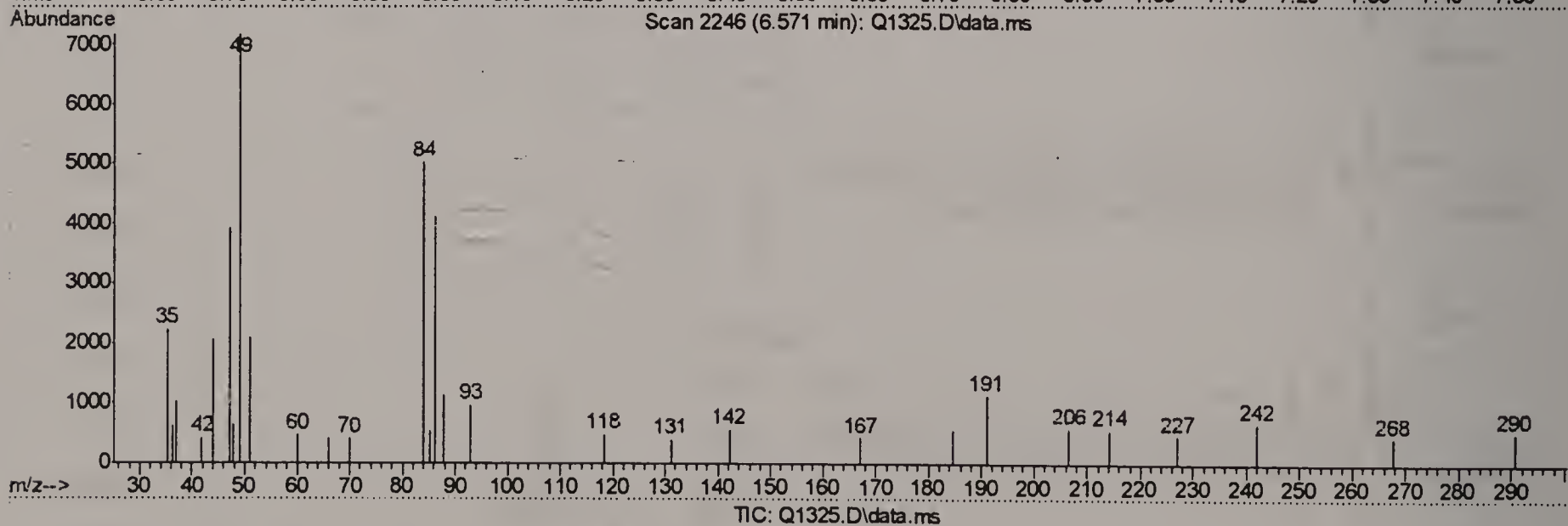
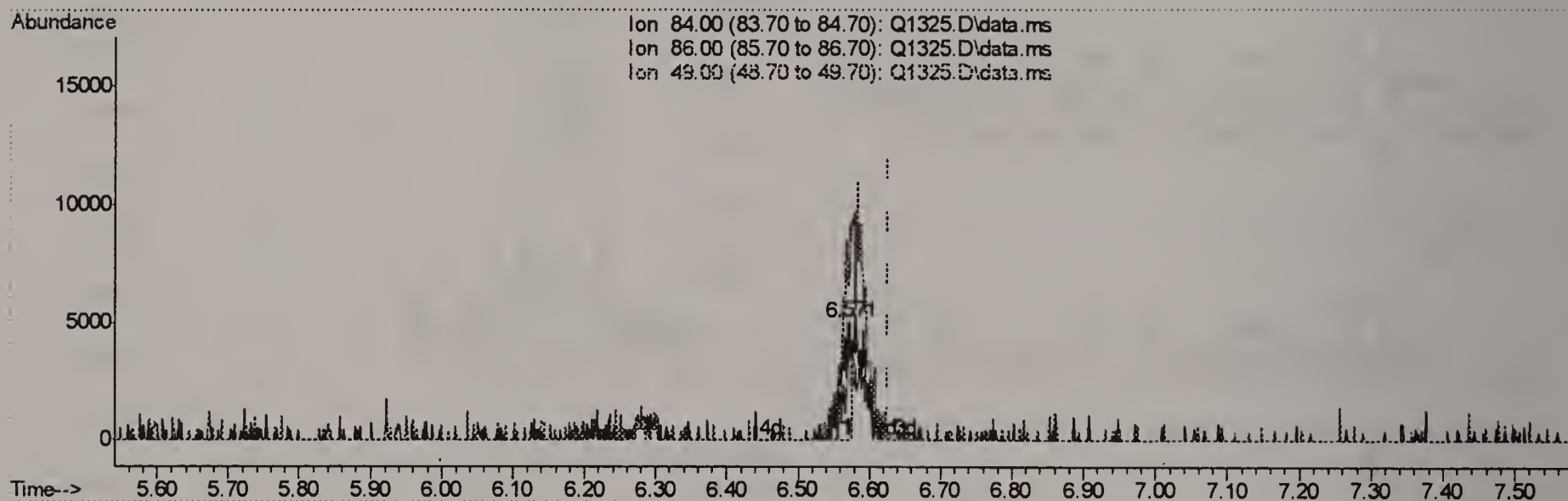
Tgt Ion: 84	Resp: 11002
Ion Ratio	Lower Upper
84 100	
86 46.9	44.6 84.6
49 193.3	0.7 400.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.571min (-0.055) 0.10PPBV

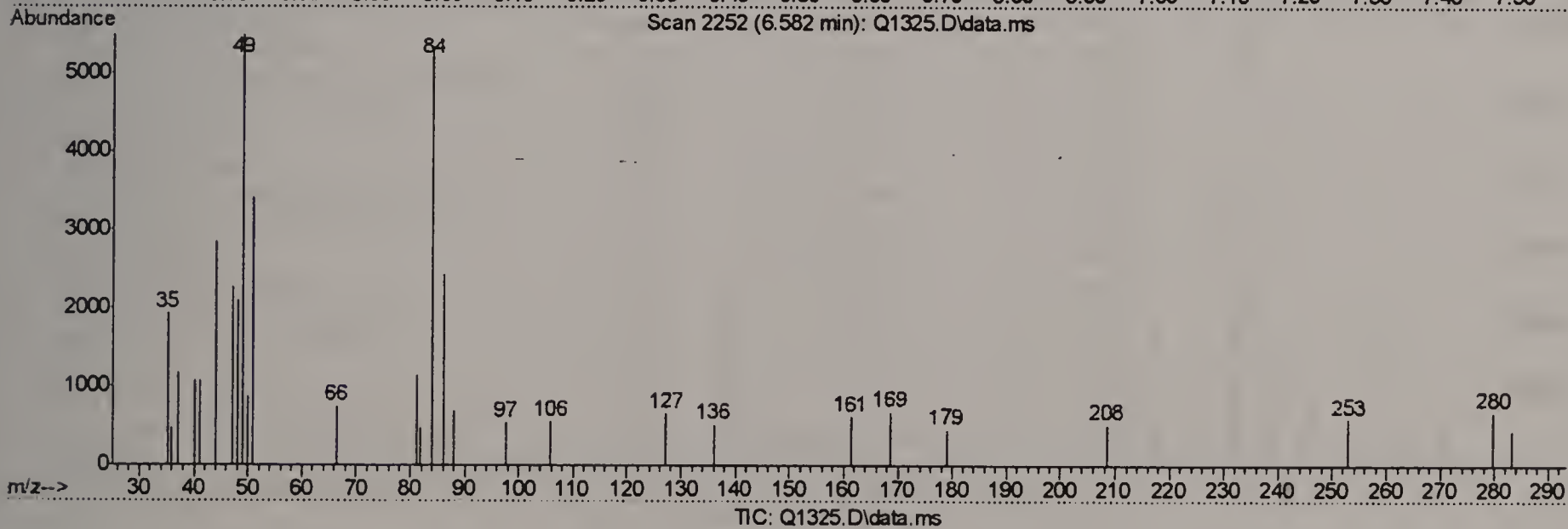
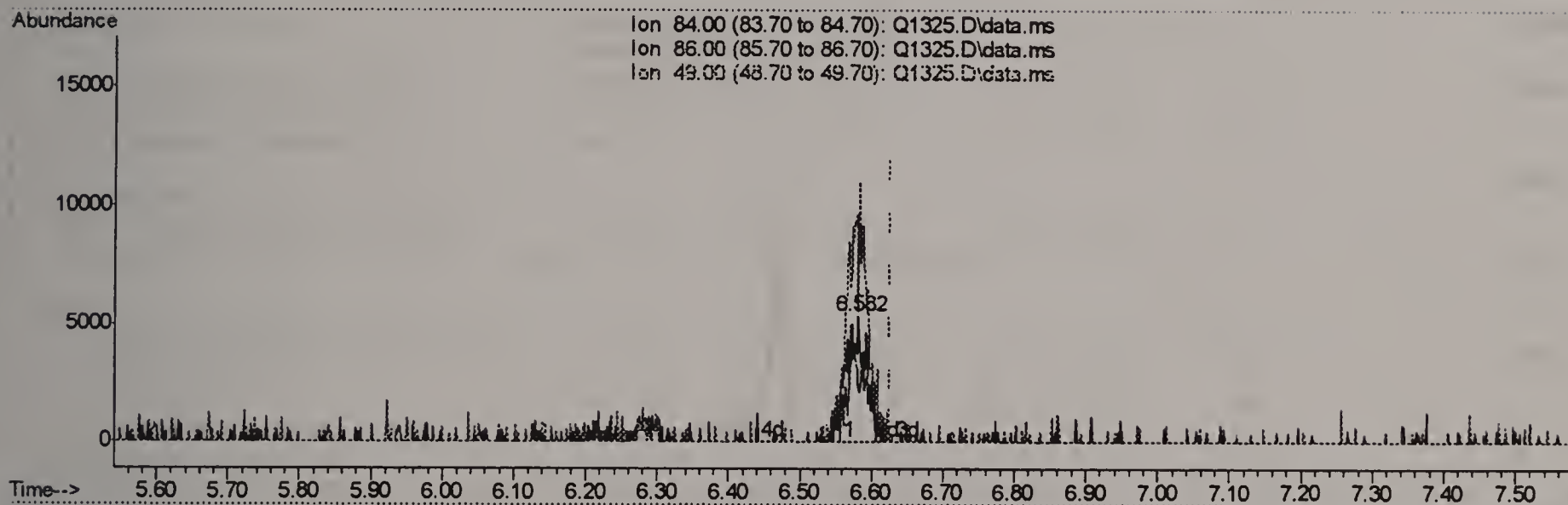
response 5346

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	96.45#
49.00	200.70	397.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.582min (-0.044) 0.20PPBV m

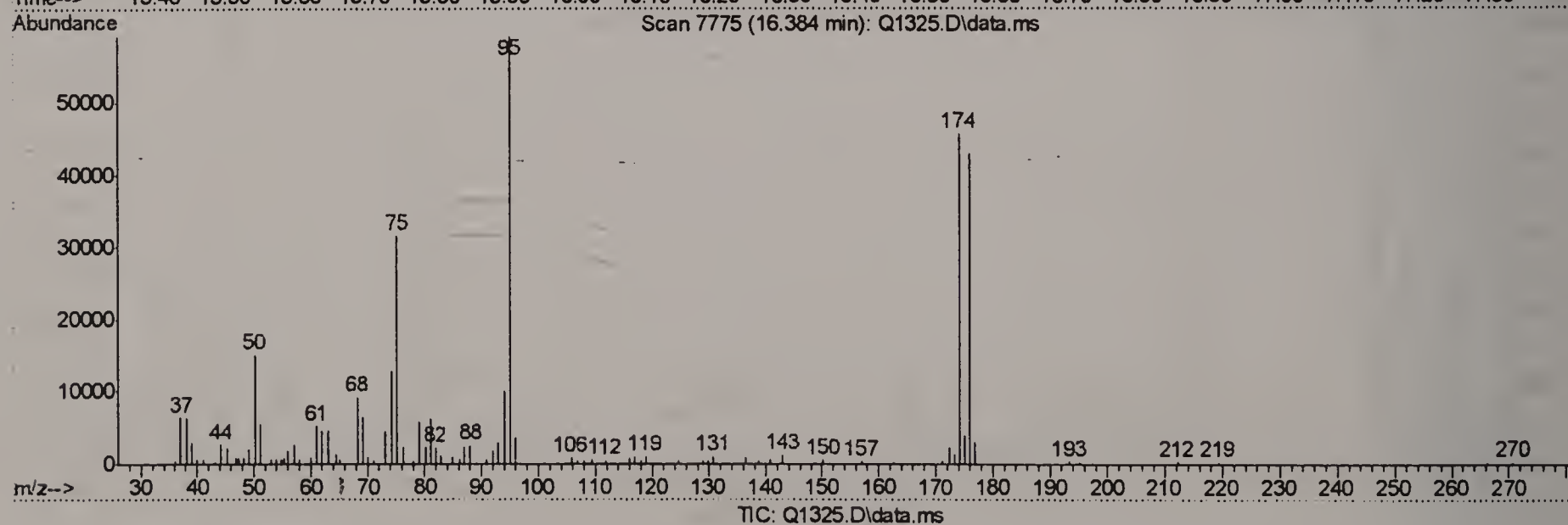
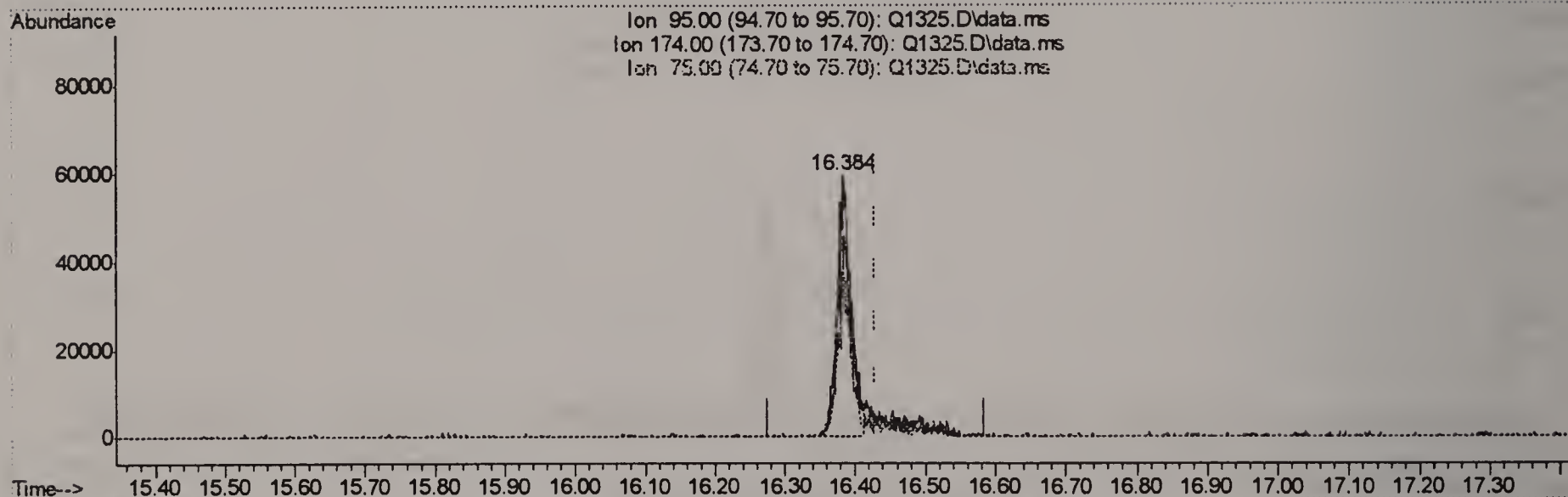
response 11002

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	46.86
49.00	200.70	193.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

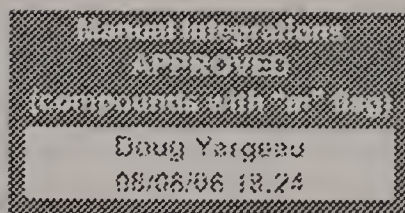


(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 2.80PPBV

response 86832

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	77.64
75.00	52.30	59.48
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323A.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : BS (D011)
Misc : MS11934,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:33 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	10.42	PPBV	87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

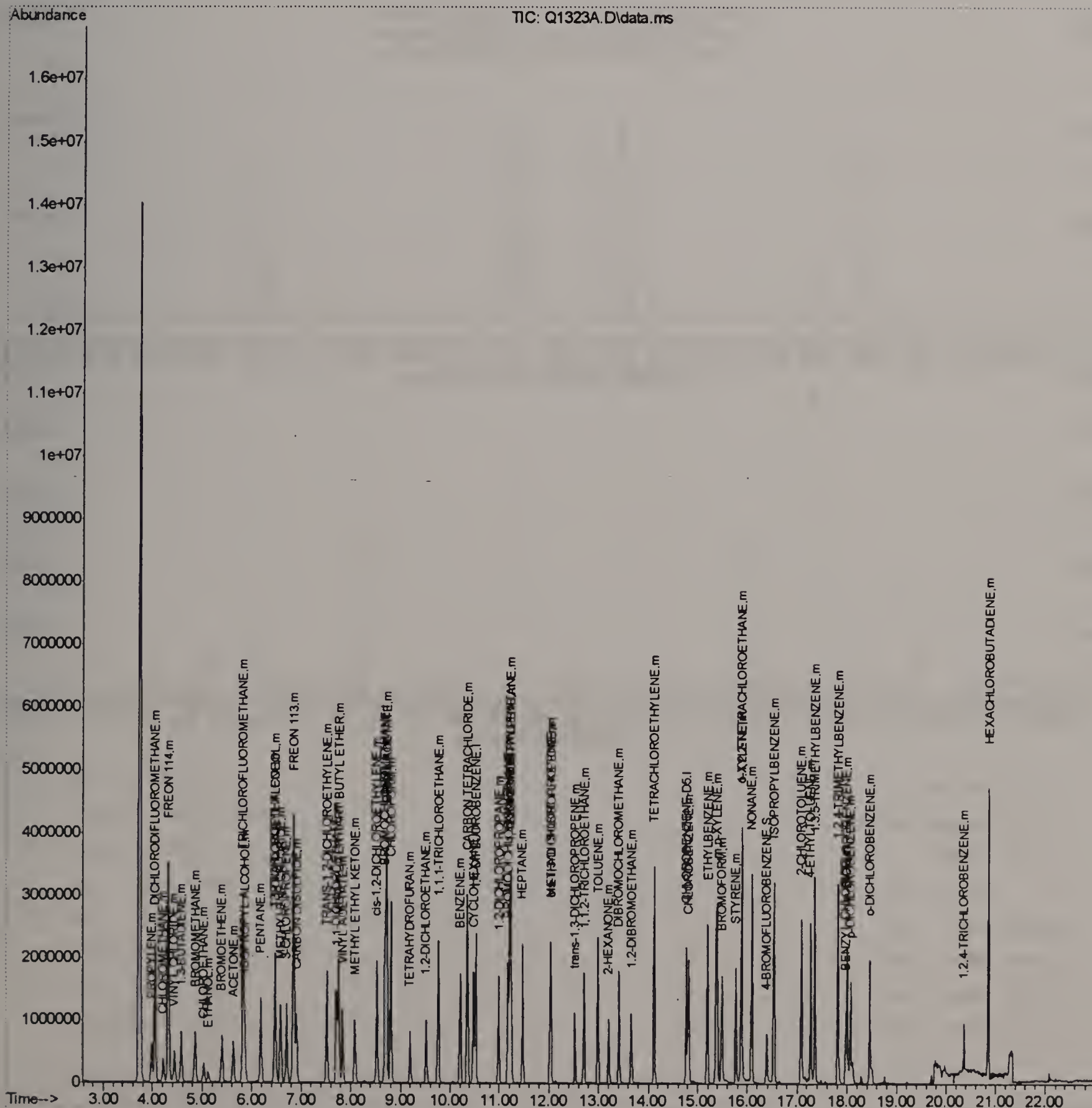
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1166591m	24.23	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1323A.D  
Acq On    : 8 Aug 2006    9:03 am  
Operator   : PhilipB  
Sample     : BS (D011)  
Misc       : MS11934,MSQ69,,,,,1  
ALS Vial   : 3    Sample Multiplier: 1
```

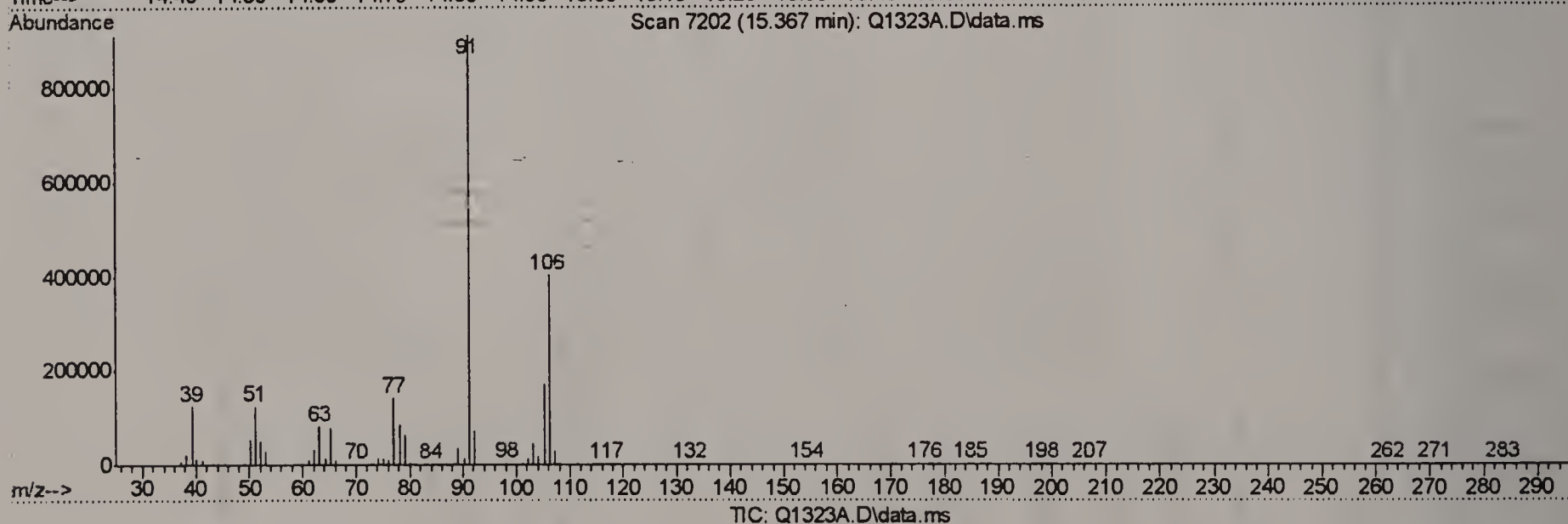
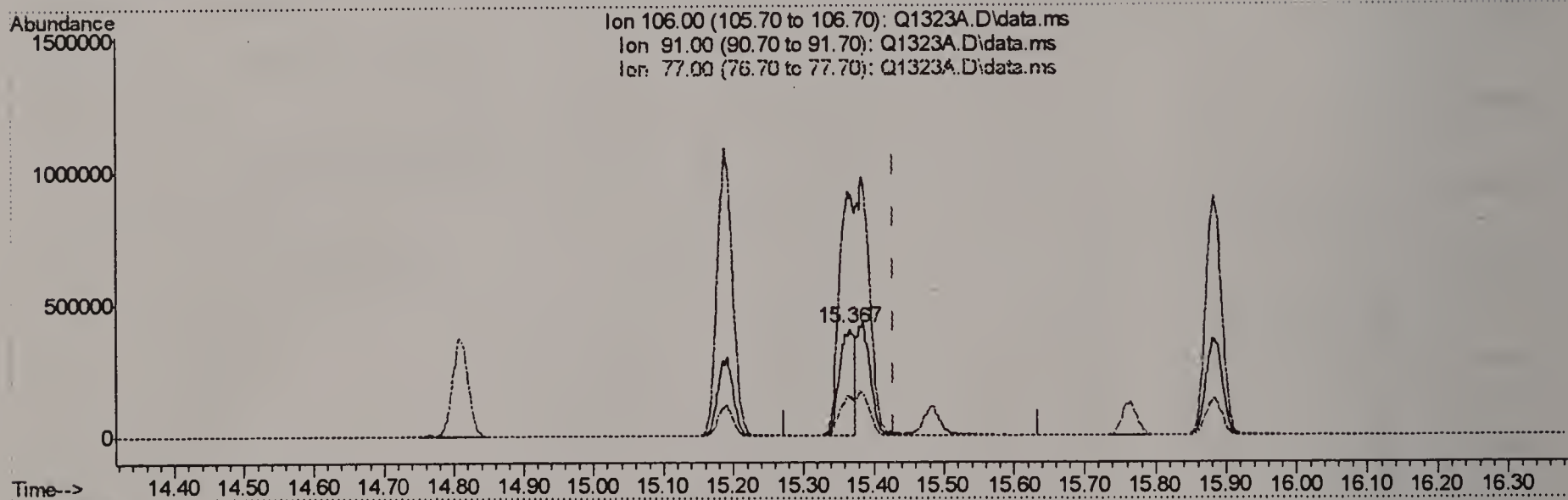
Quant Time: Aug 08 09:31:33 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

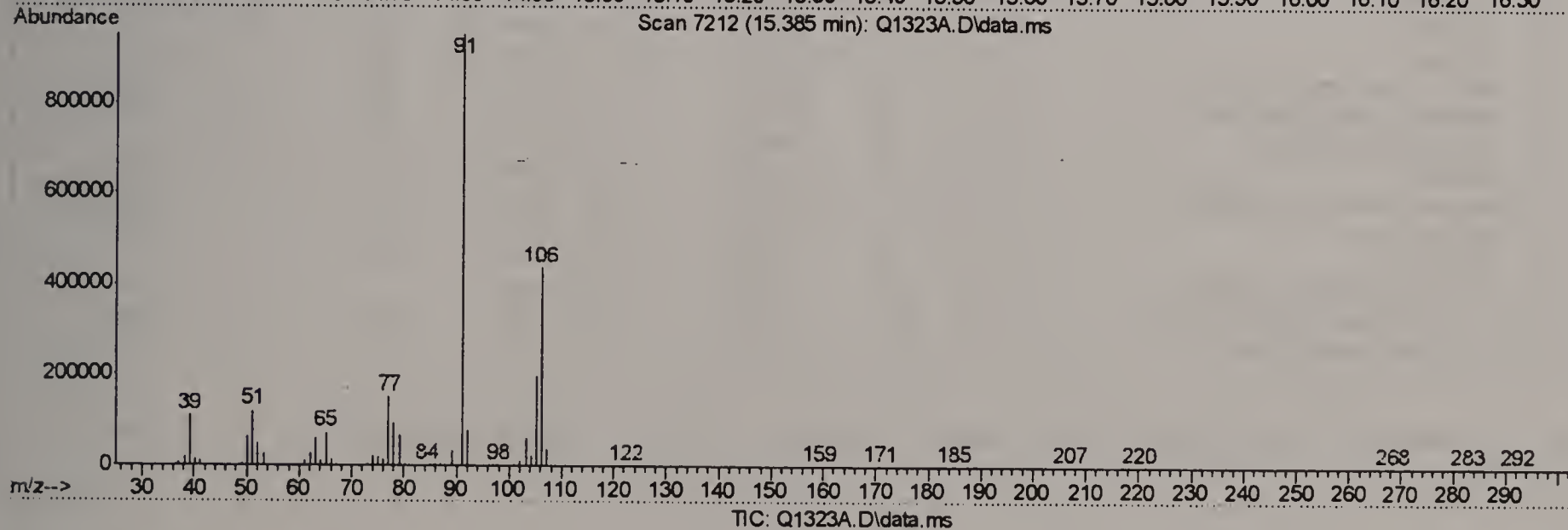
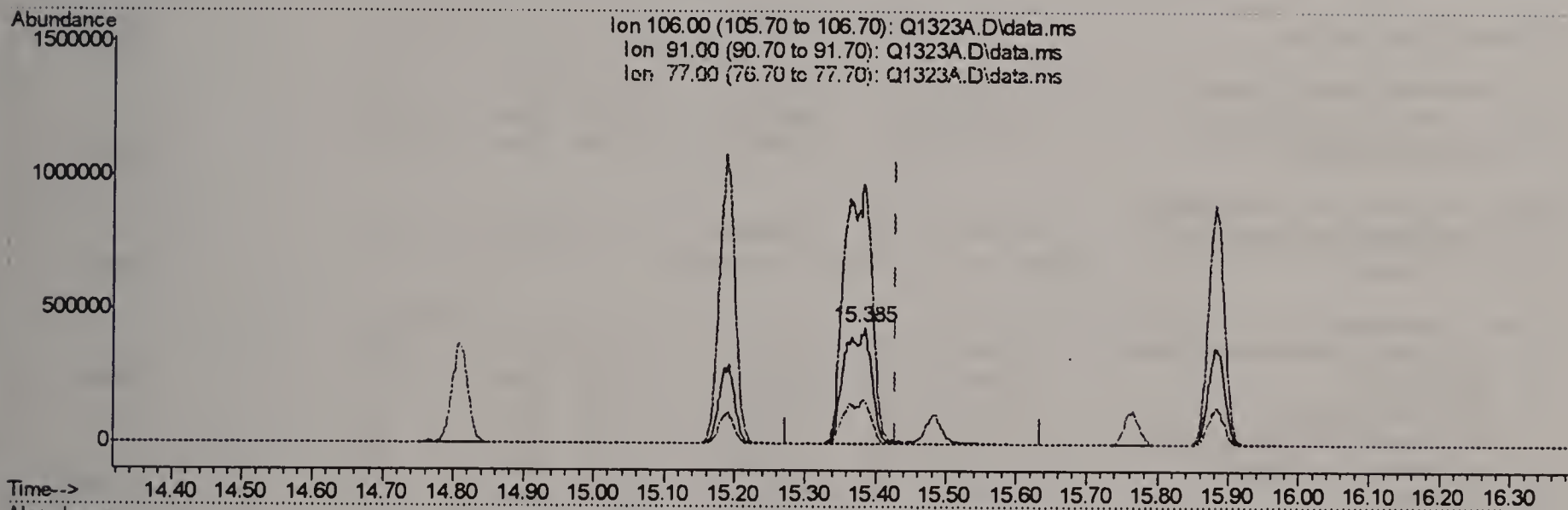
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

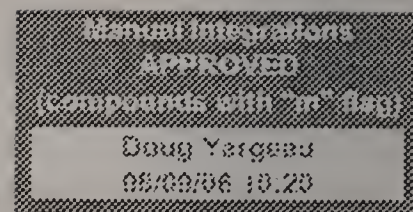


(56) m,p-XYLENE (m)

15.385min (-0.044) 24.23PPBV m

response 1166591

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1336.D
Acq On : 8 Aug 2006 7:57 pm
Operator : PhilipB
Sample : M58073-3dup (M161)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:18:45 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 17:20:41 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	442111	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	998713	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	596011	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.382	95	100561m	3.36	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	67.20%

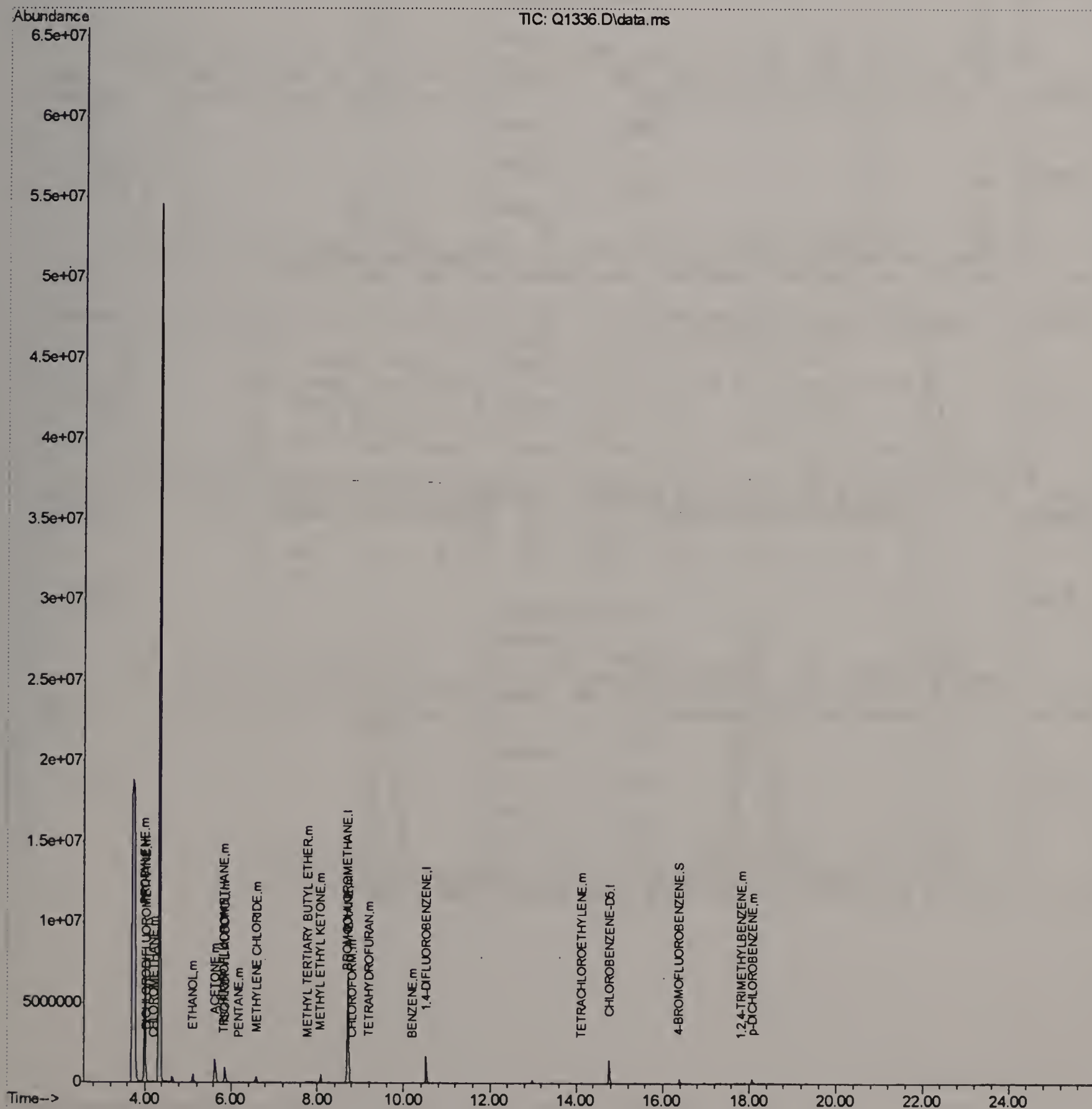
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	121463	0.66	PPBV	98
3) PROPYLENE	3.998	41	2337110	78.97	PPBV #	17
5) CHLOROMETHANE	4.211	50	24420m	0.52	PPBV	
10) TRICHLOROFLUOROMETHANE	5.824	101	62303	0.28	PPBV	95
11) ISOPROPYL ALCOHOL	5.854	45	1231329	23.14	PPBV	83
12) ACETONE	5.622	43	2413418	31.91	PPBV	88
13) PENTANE	6.186	42	23192	0.49	PPBV #	17
16) ETHANOL	5.116	45	715706	44.22	PPBV	94
18) METHYLENE CHLORIDE	6.577	84	151681	2.87	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.760	73	52220	0.43	PPBV	88
24) TETRAHYDROFURAN	9.191	42	56364	2.04	PPBV	83
25) HEXANE	8.719	57	33824	0.44	PPBV #	1
28) METHYL ETHYL KETONE	8.073	43	684128	7.12	PPBV	94
31) CHLOROFORM	8.806	83	30005	0.22	PPBV	92
36) BENZENE	10.204	78	18933	0.22	PPBV	94
51) TETRACHLOROETHYLENE	14.114	164	15504m	0.50	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	11942	0.35	PPBV	88
70) p-DICHLOROBENZENE	18.070	146	117876	3.31	PPBV	86

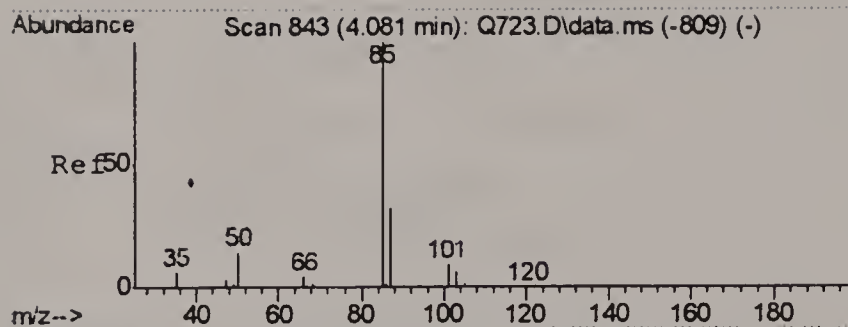
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

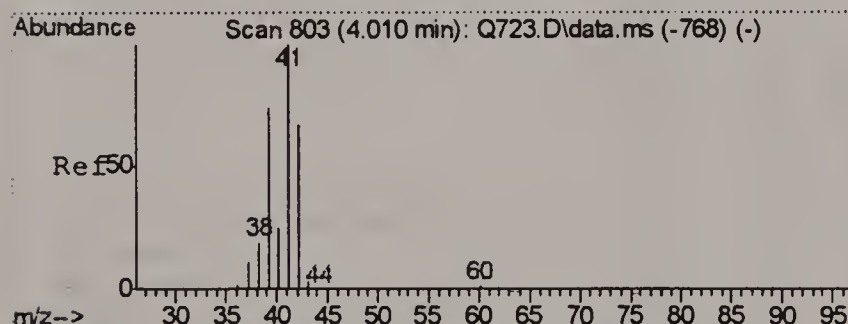
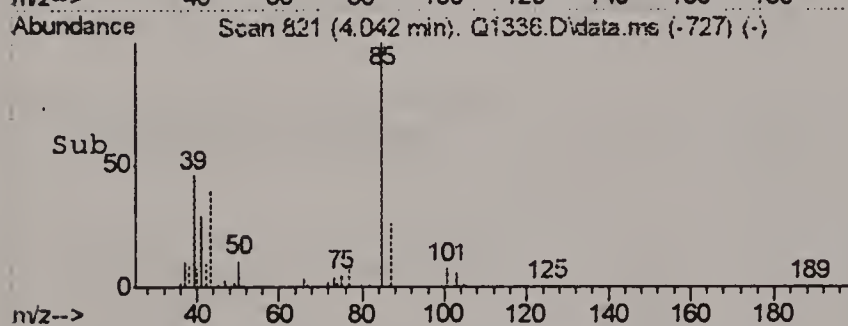
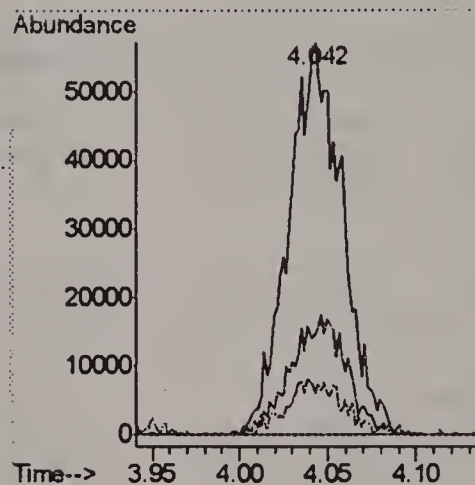
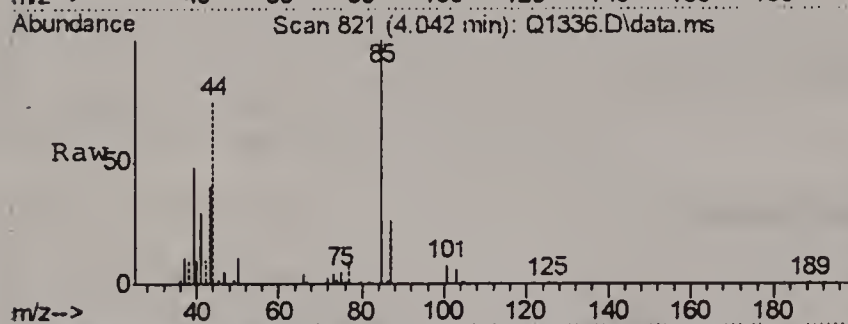
Quant Time: Aug 09 09:18:45 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration





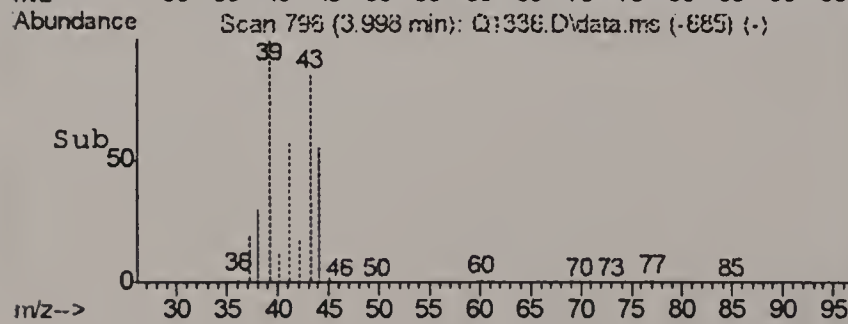
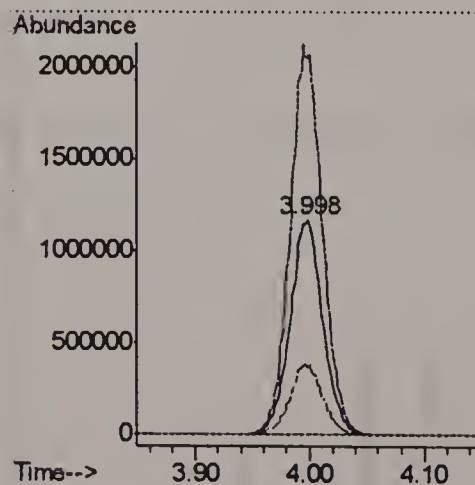
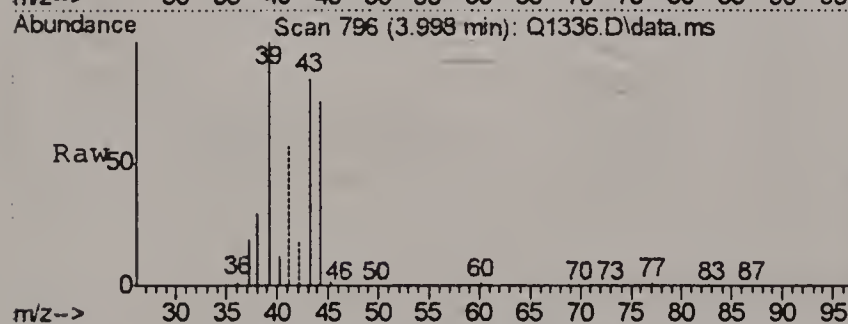
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.66 PPBV
 RT: 4.042 min Scan# 821
 Delta R.T. -0.039 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

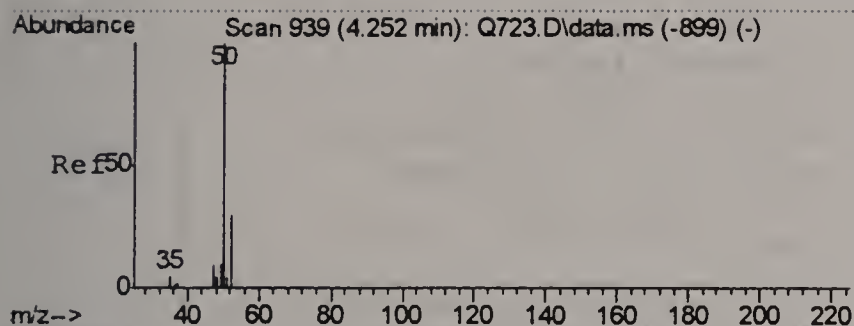
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	11.9	51.9
50	13.6	0.0	35.5



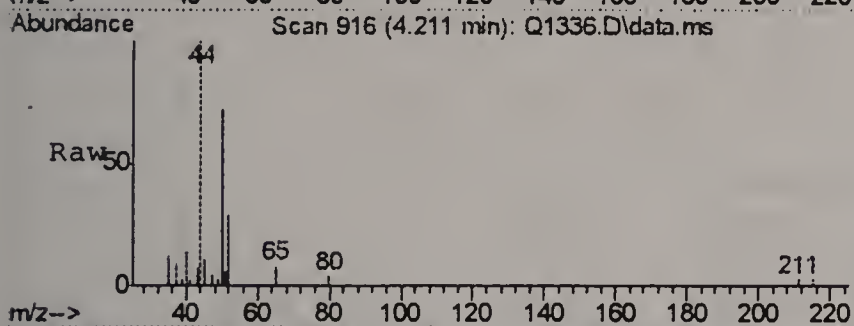
#3
 PROPYLENE
 Concen: 78.97 PPBV
 RT: 3.998 min Scan# 796
 Delta R.T. -0.009 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

Tgt Ion	Ratio	Lower	Upper
41	100		
39	175.4	55.3	95.3#
42	32.0	46.8	86.8#

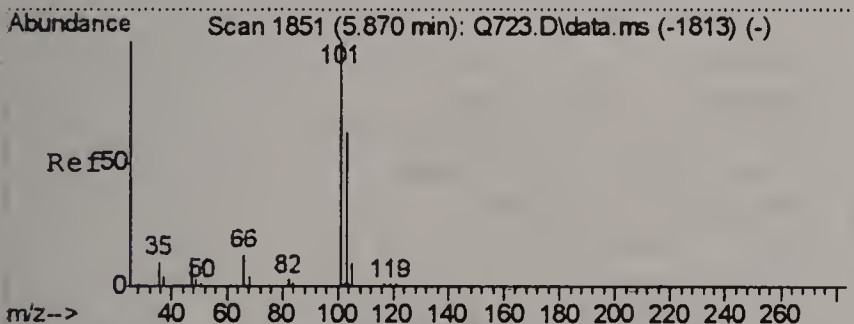
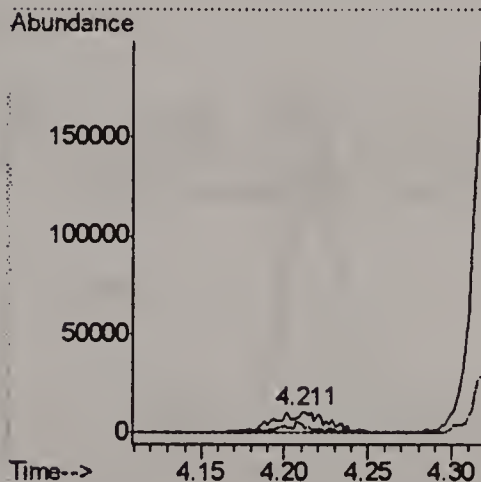
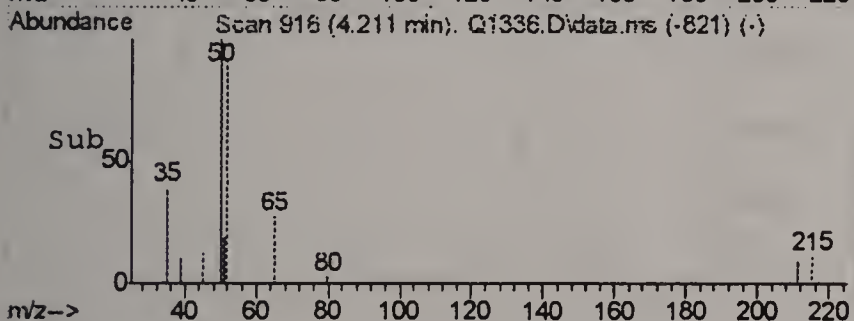




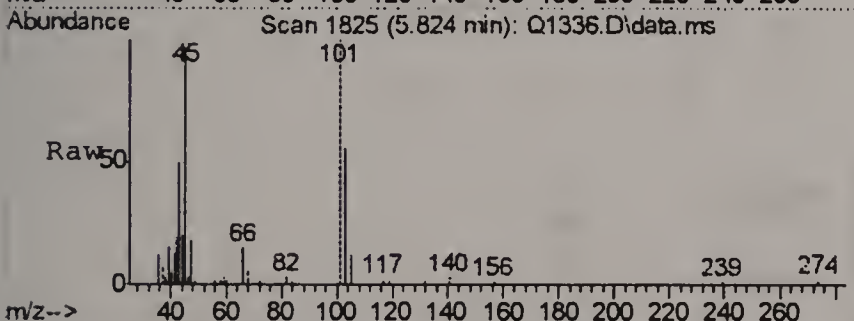
#5
 CHLOROMETHANE
 Concen: 0.52 PPBV m
 RT: 4.211 min Scan# 916
 Delta R.T. -0.038 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm



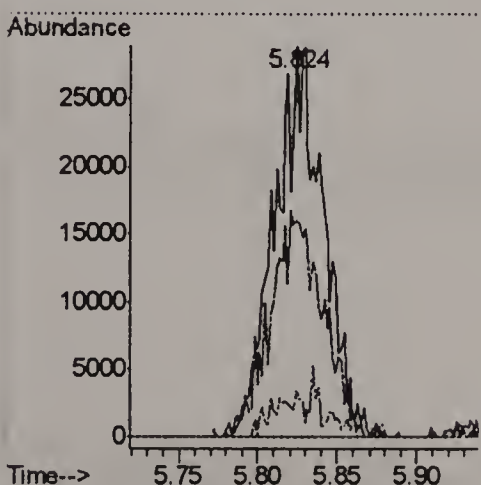
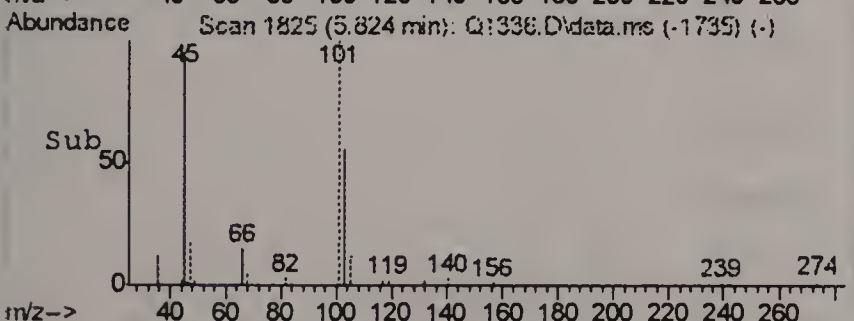
Tgt Ion: 50 Resp: 24420
 Ion Ratio Lower Upper
 50 100
 52 39.6 9.7 49.7

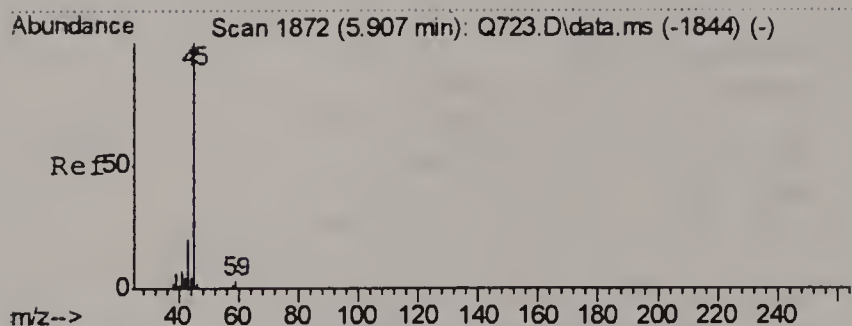


#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.28 PPBV
 RT: 5.824 min Scan# 1825
 Delta R.T. -0.046 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm



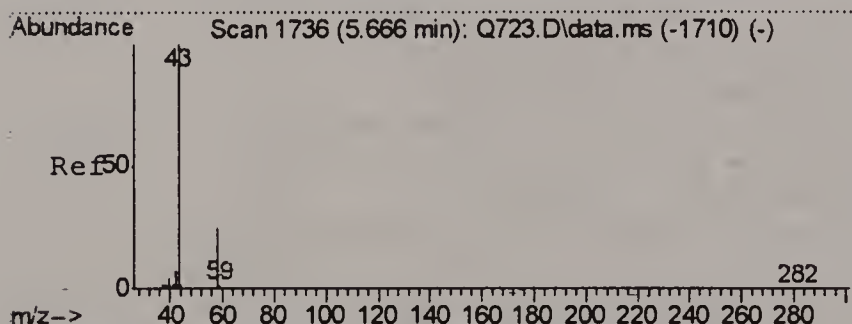
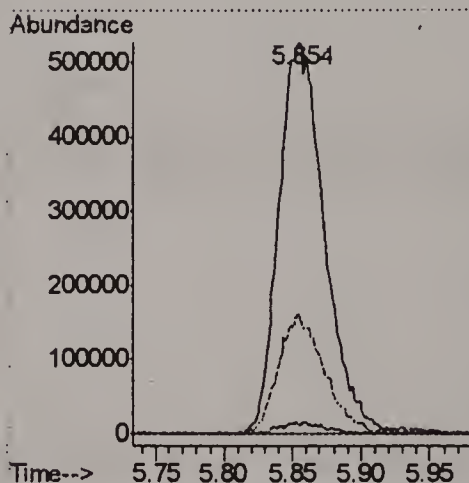
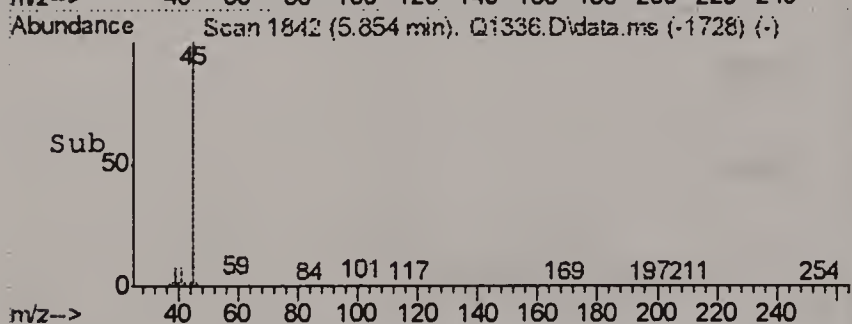
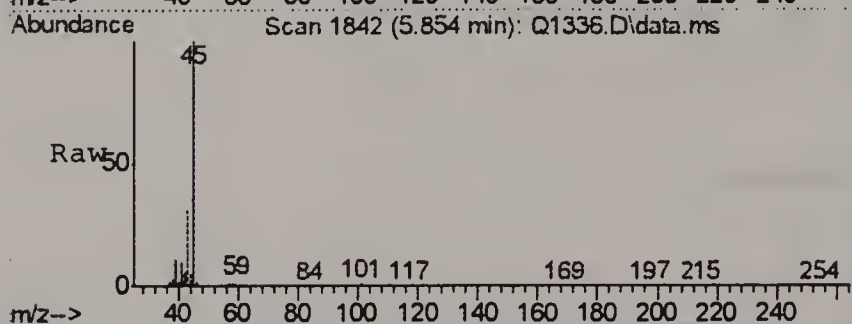
Tgt Ion: 101 Resp: 62303
 Ion Ratio Lower Upper
 101 100
 103 61.7 44.3 84.3
 105 4.6 0.0 30.4





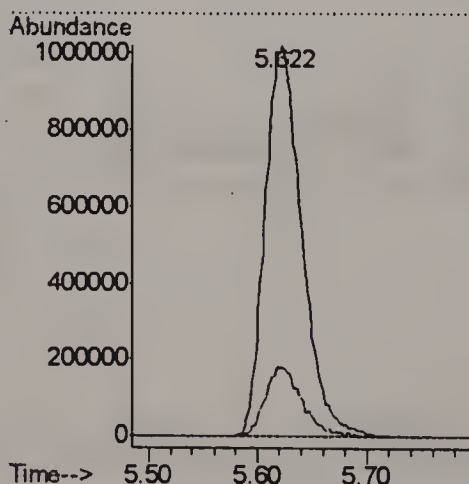
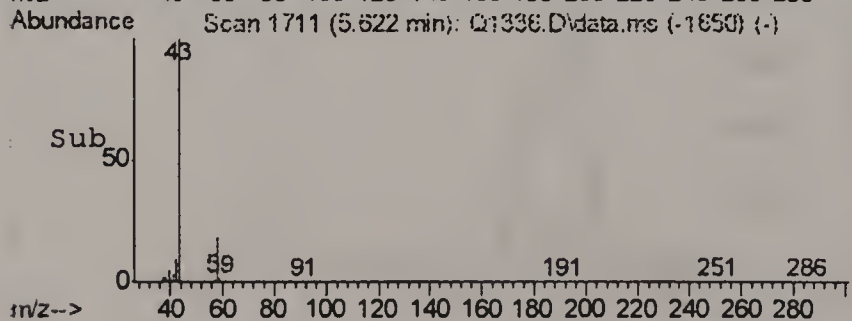
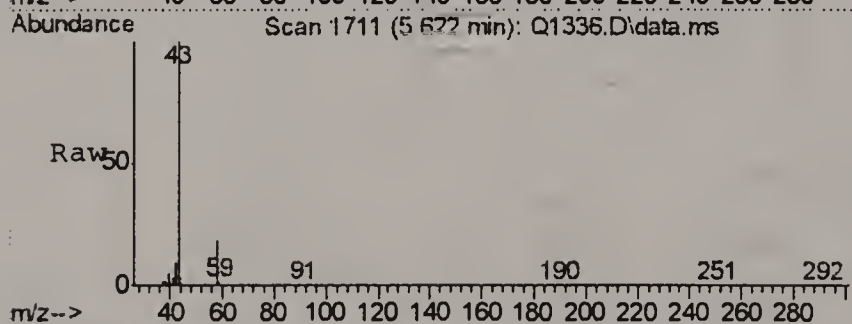
#11
ISOPROPYL ALCOHOL
Concen: 23.14 PPBV
RT: 5.854 min Scan# 1842
Delta R.T. -0.056 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

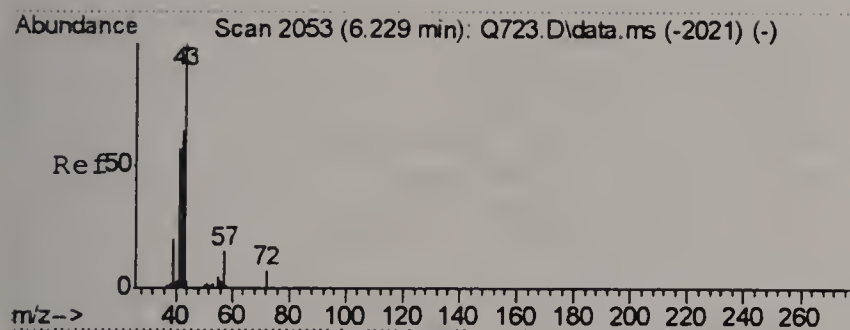
Tgt Ion: 45 Resp: 1231329
Ion Ratio Lower Upper
45 100
59 2.3 0.0 23.5
43 30.6 1.6 41.6



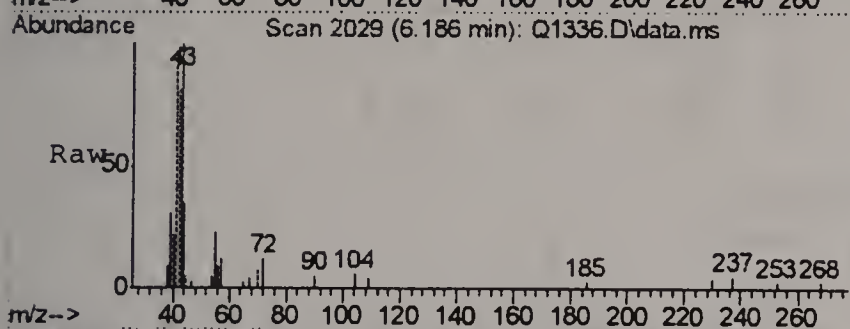
#12
ACETONE
Concen: 31.91 PPBV
RT: 5.622 min Scan# 1711
Delta R.T. -0.047 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

Tgt Ion: 43 Resp: 2413418
Ion Ratio Lower Upper
43 100
58 18.3 4.1 44.1

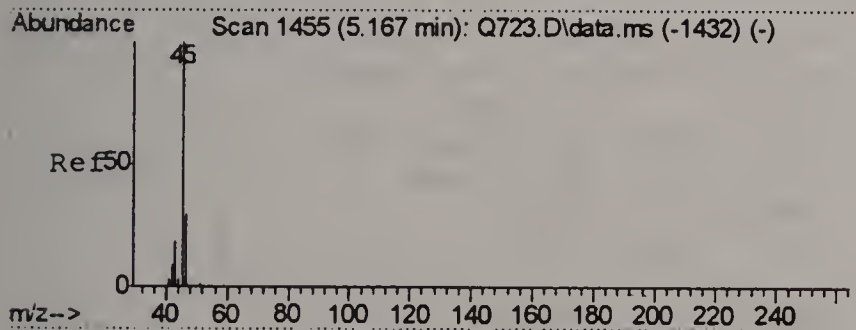
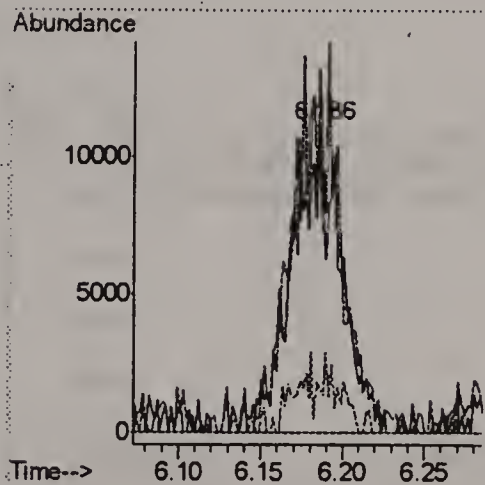
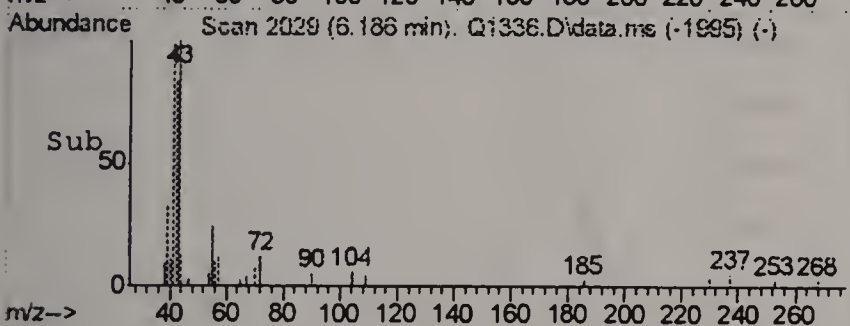




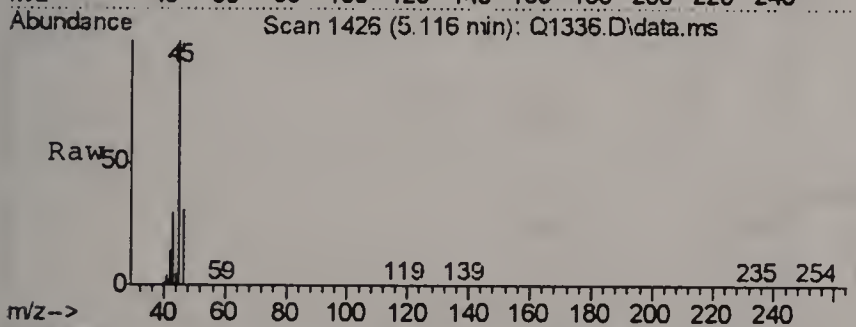
#13
PENTANE
Concen: 0.49 PPBV
RT: 6.186 min Scan# 2029
Delta R.T. -0.042 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm



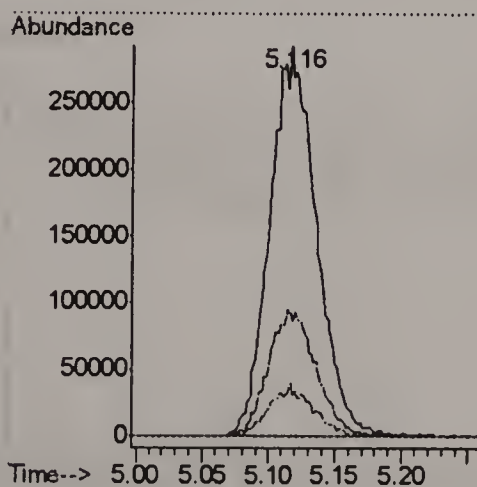
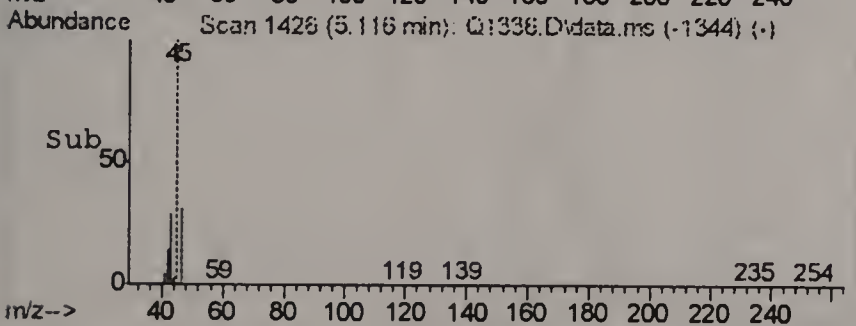
Tgt Ion: 42 Resp: 23192
Ion Ratio Lower Upper
42 100
41 0.0 72.2 112.2#
57 9.7 1.9 41.9

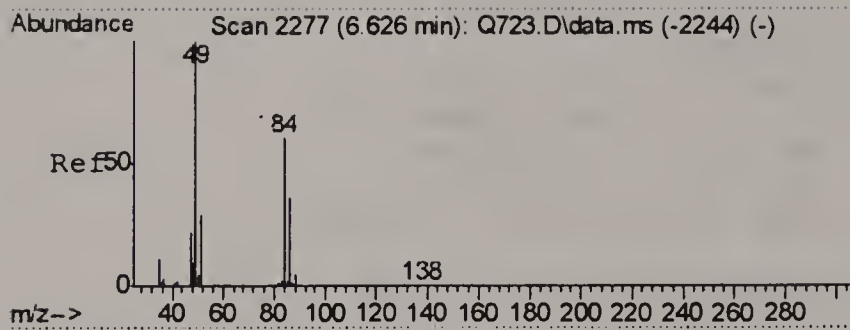


#16
ETHANOL
Concen: 44.22 PPBV
RT: 5.116 min Scan# 1426
Delta R.T. -0.060 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm



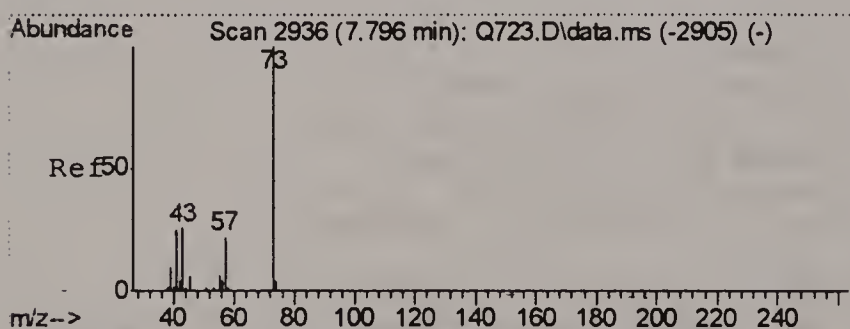
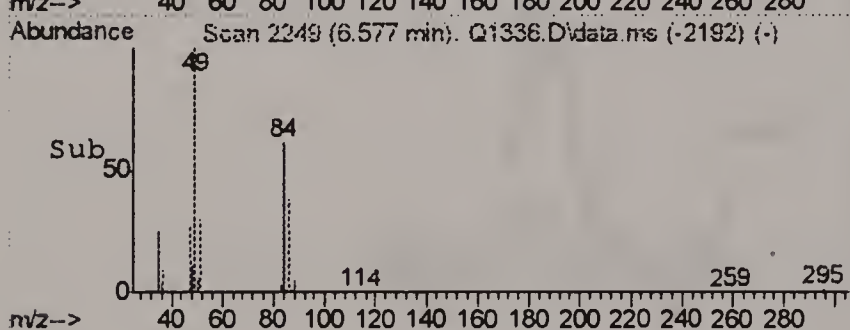
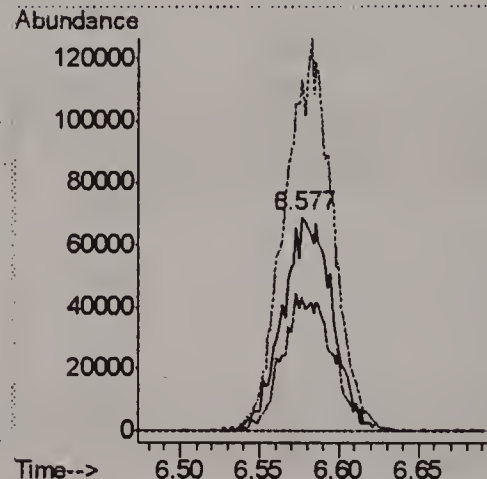
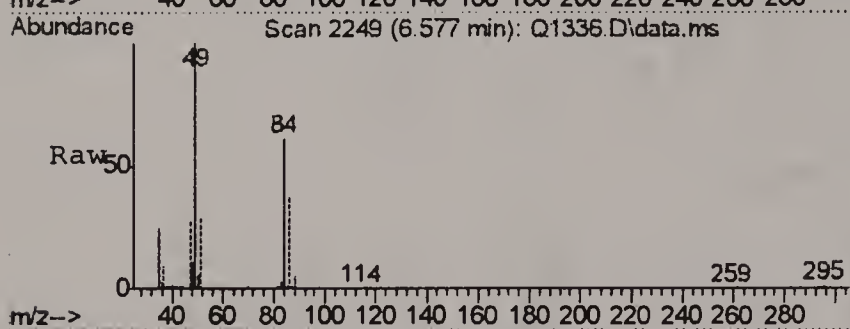
Tgt Ion: 45 Resp: 715706
Ion Ratio Lower Upper
45 100
46 33.4 16.4 56.4
42 12.7 0.0 28.8





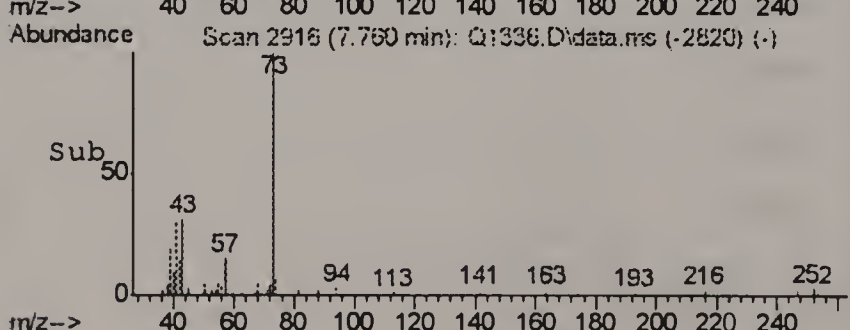
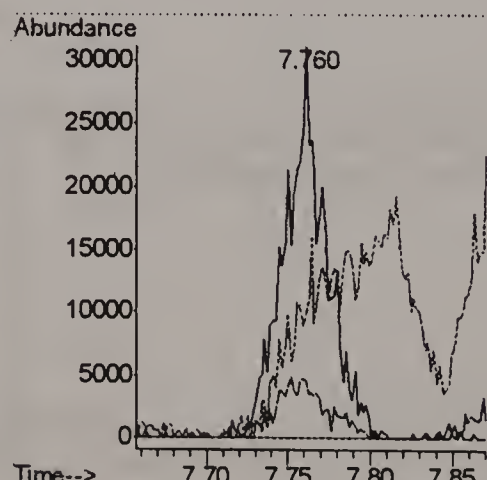
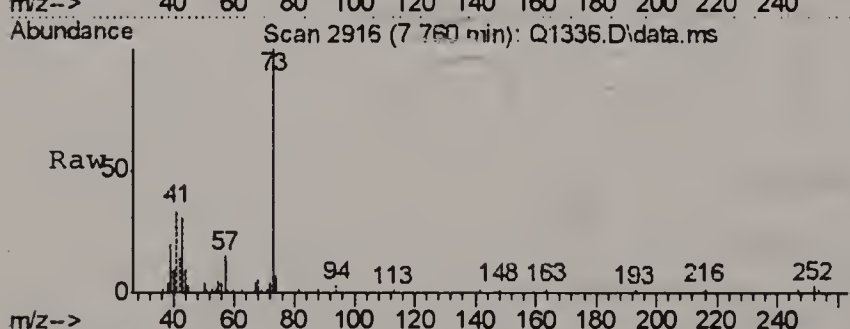
#18
 METHYLENE CHLORIDE
 Concen: 2.87 PPBV
 RT: 6.577 min Scan# 2249
 Delta R.T. -0.049 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

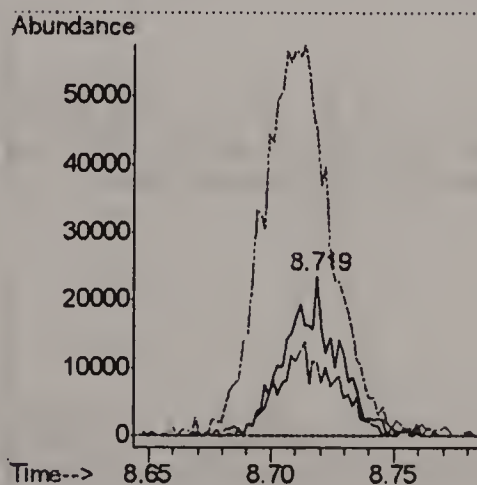
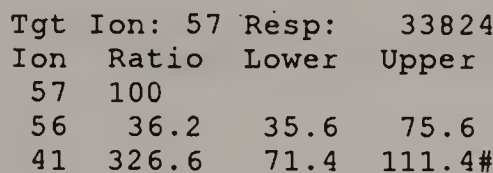
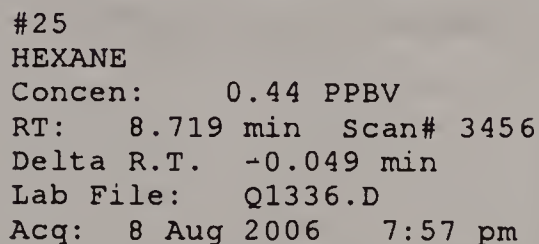
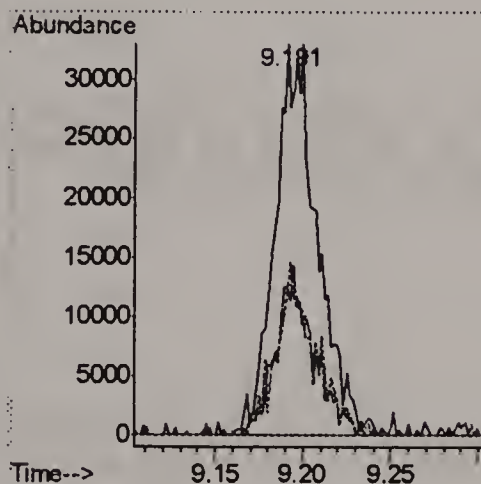
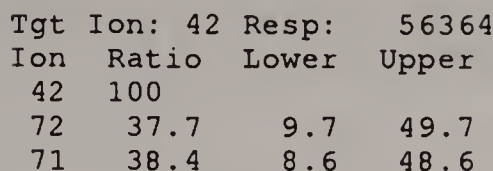
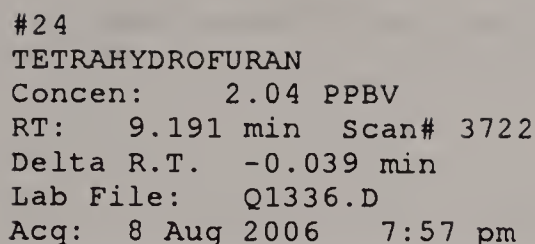
Tgt Ion:	84	Resp:	151681
Ion Ratio	Lower	Upper	
84	100		
86	64.6	44.6	84.6
49	174.2	0.7	400.7

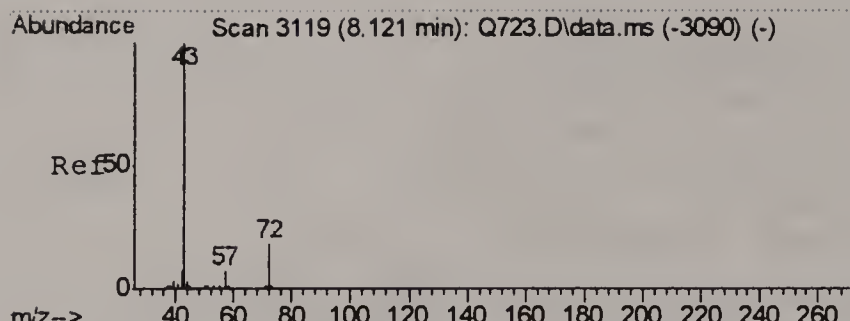


#23
 METHYL TERTIARY BUTYL ETHER
 Concen: 0.43 PPBV
 RT: 7.760 min Scan# 2916
 Delta R.T. -0.035 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

Tgt Ion:	73	Resp:	52220
Ion Ratio	Lower	Upper	
73	100		
57	19.2	4.1	44.1
43	36.3	9.0	49.0

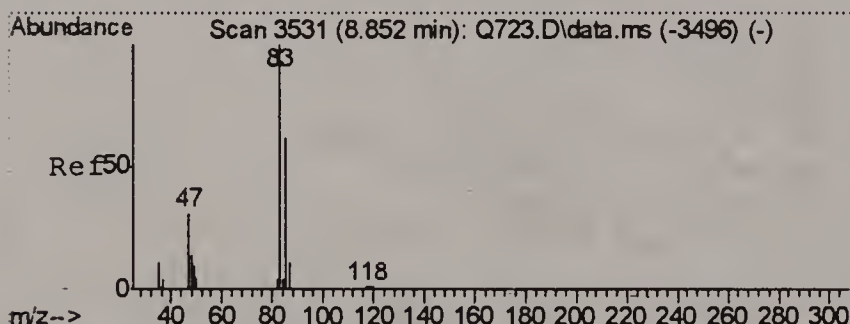
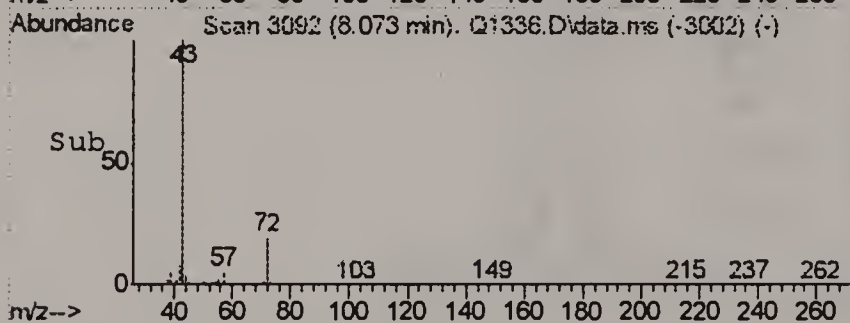
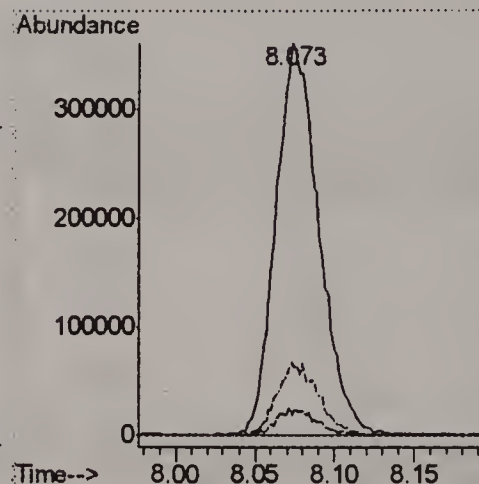
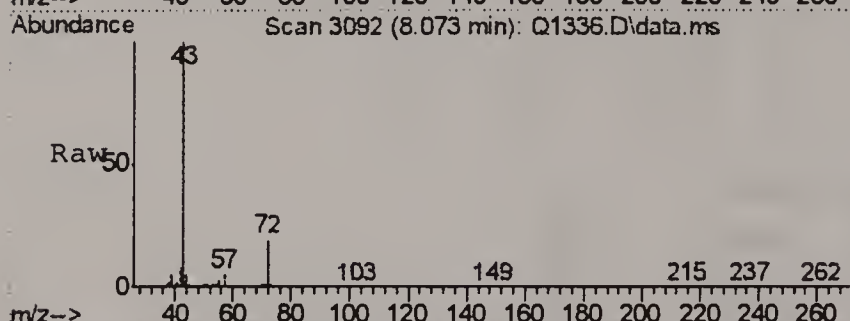






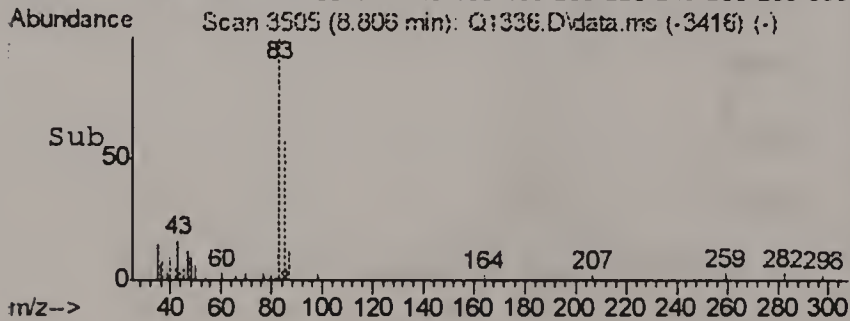
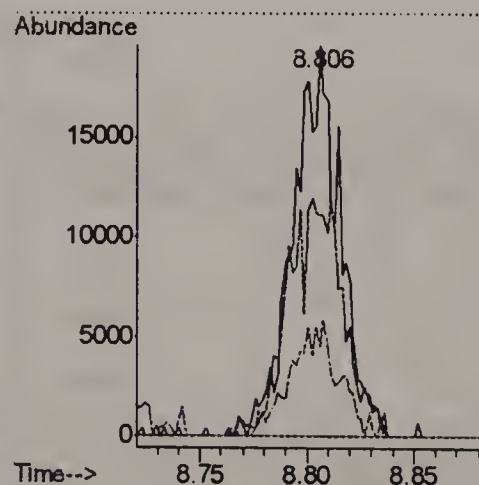
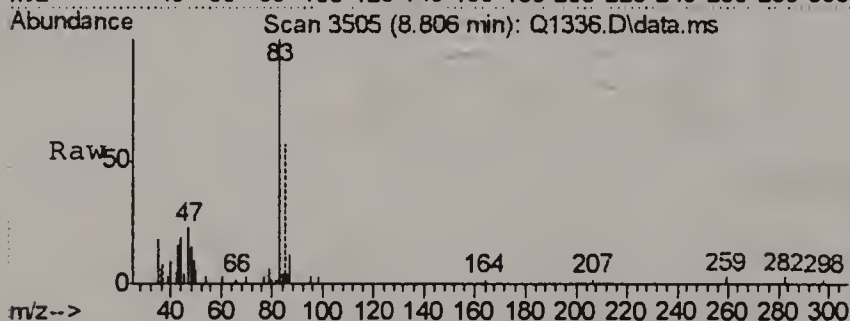
#28
METHYL ETHYL KETONE
Concen: 7.12 PPBV
RT: 8.073 min Scan# 3092
Delta R.T. -0.046 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

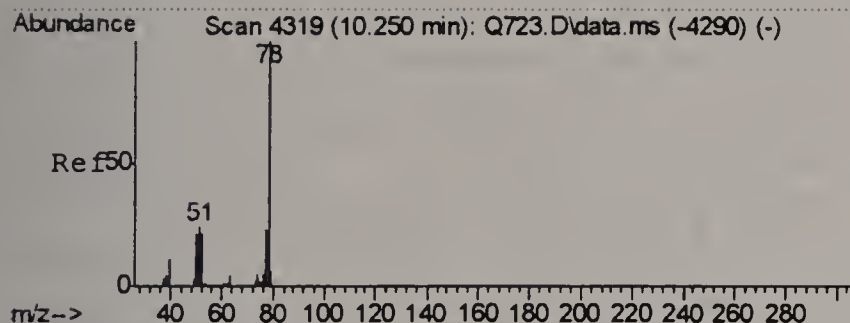
Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.4	0.0	26.7
72	19.0	0.0	36.0



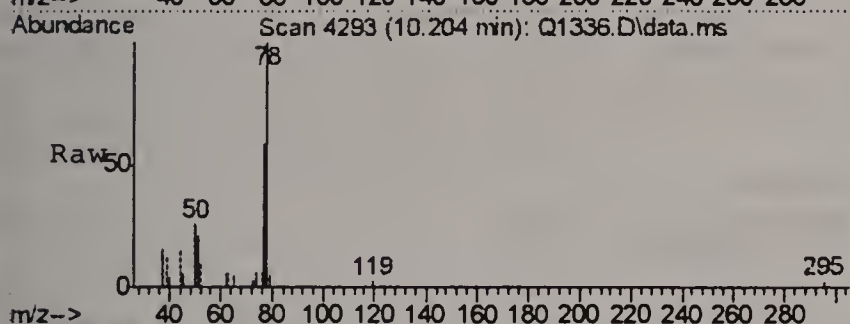
#31
CHLOROFORM
Concen: 0.22 PPBV
RT: 8.806 min Scan# 3505
Delta R.T. -0.048 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.3	44.8	84.8
47	30.1	13.7	53.7



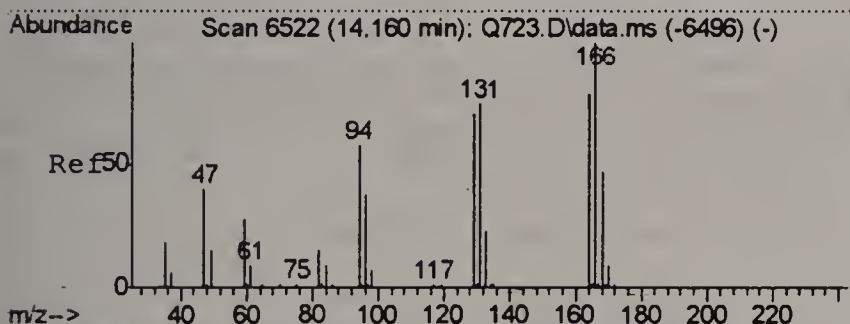
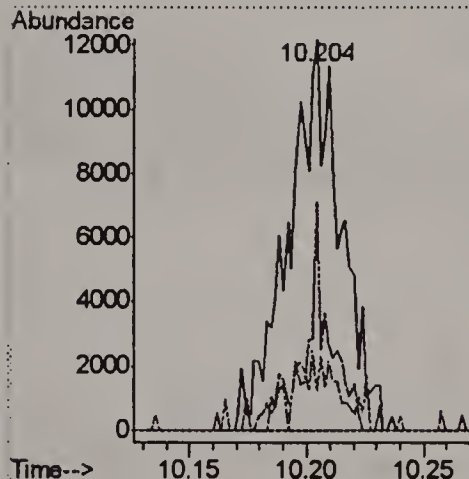
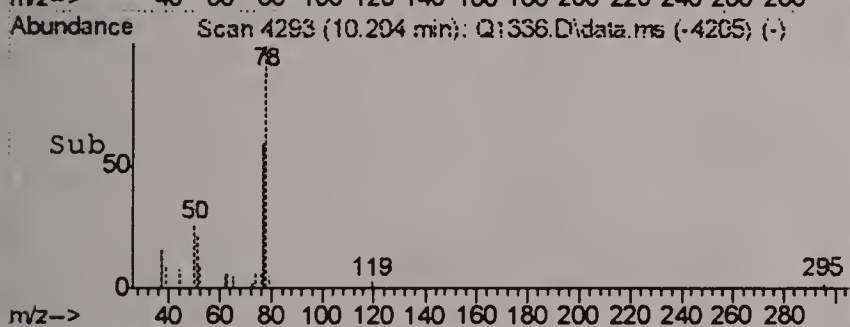


#36
 BENZENE
 Concen: 0.22 PPBV
 RT: 10.204 min Scan# 4293
 Delta R.T. -0.050 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

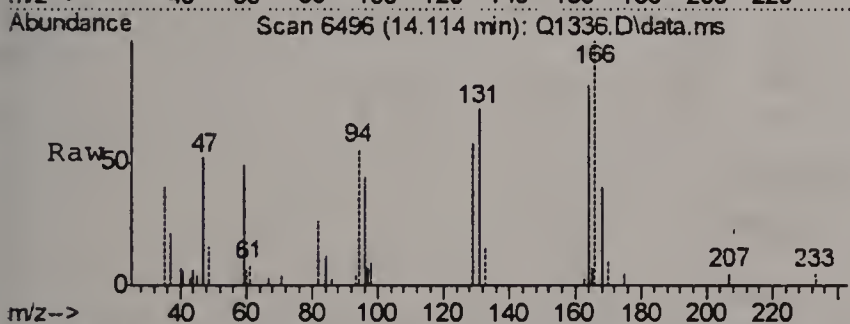


Tgt Ion: 78 Resp: 18933

Ion	Ratio	Lower	Upper
78	100		
77	25.4	3.4	43.4
52	18.5	2.0	42.0

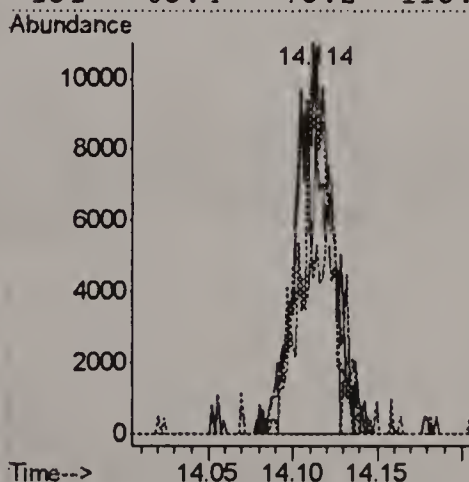
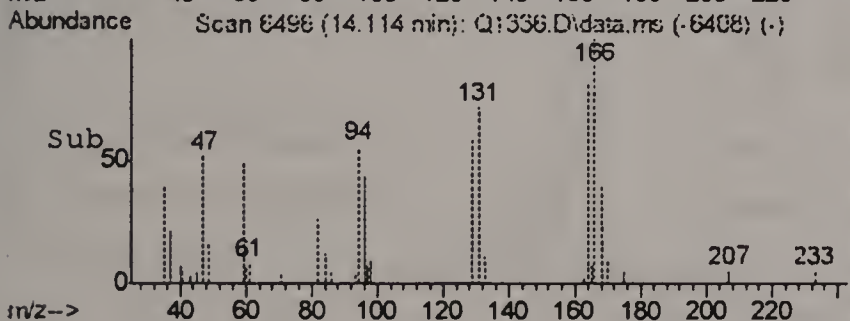


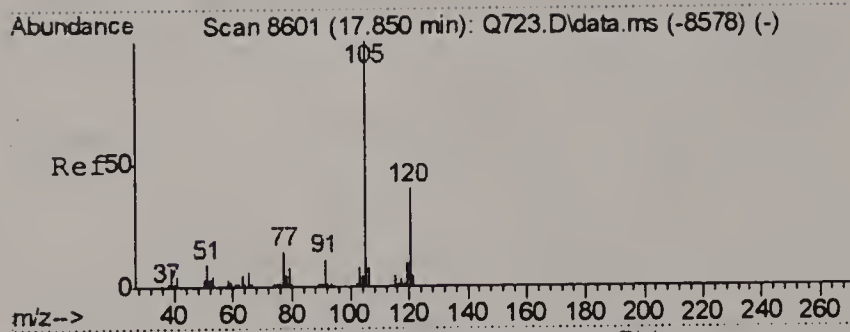
#51
 TETRACHLOROETHYLENE
 Concen: 0.50 PPBV m
 RT: 14.114 min Scan# 6496
 Delta R.T. -0.049 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm



Tgt Ion: 164 Resp: 15504

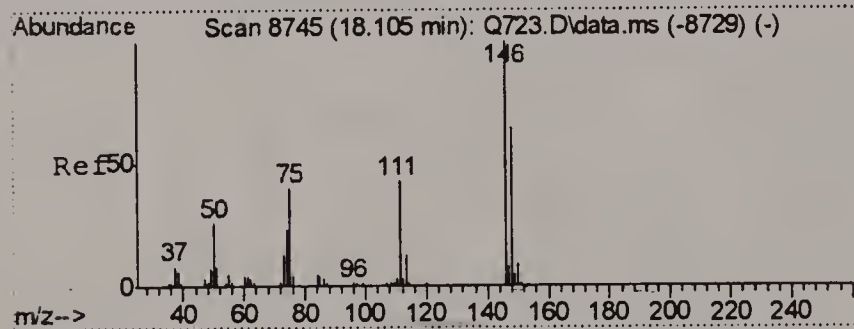
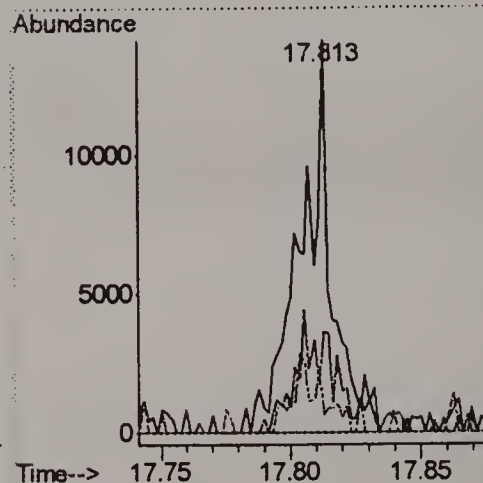
Ion	Ratio	Lower	Upper
164	100		
129	97.4	75.5	115.5
168	58.1	42.7	82.7
131	83.4	75.2	115.2





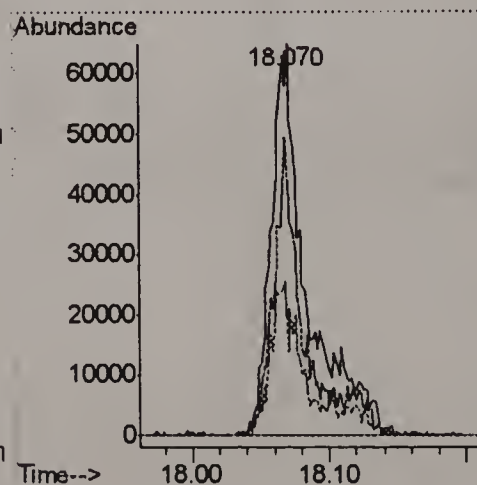
#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.35 PPBV
RT: 17.813 min Scan# 8580
Delta R.T. -0.038 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	36.4	22.7	62.7
119	19.1	0.0	30.7



#70
p-DICHLOROBENZENE
Concen: 3.31 PPBV
RT: 18.070 min Scan# 8725
Delta R.T. -0.037 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

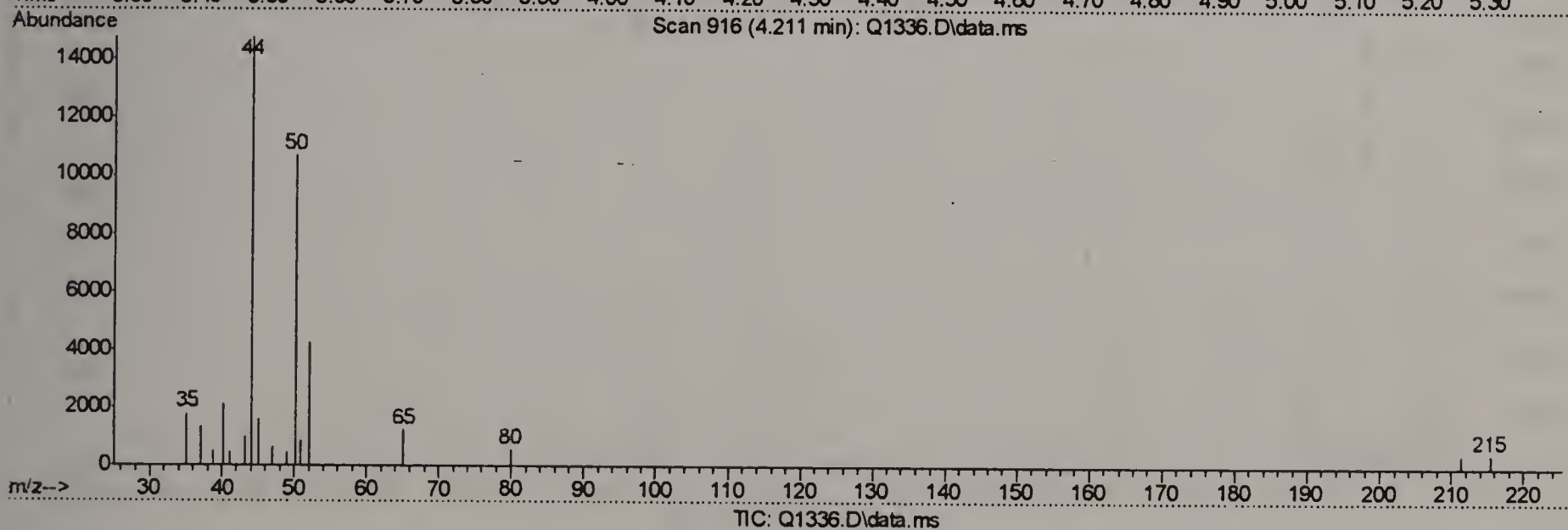
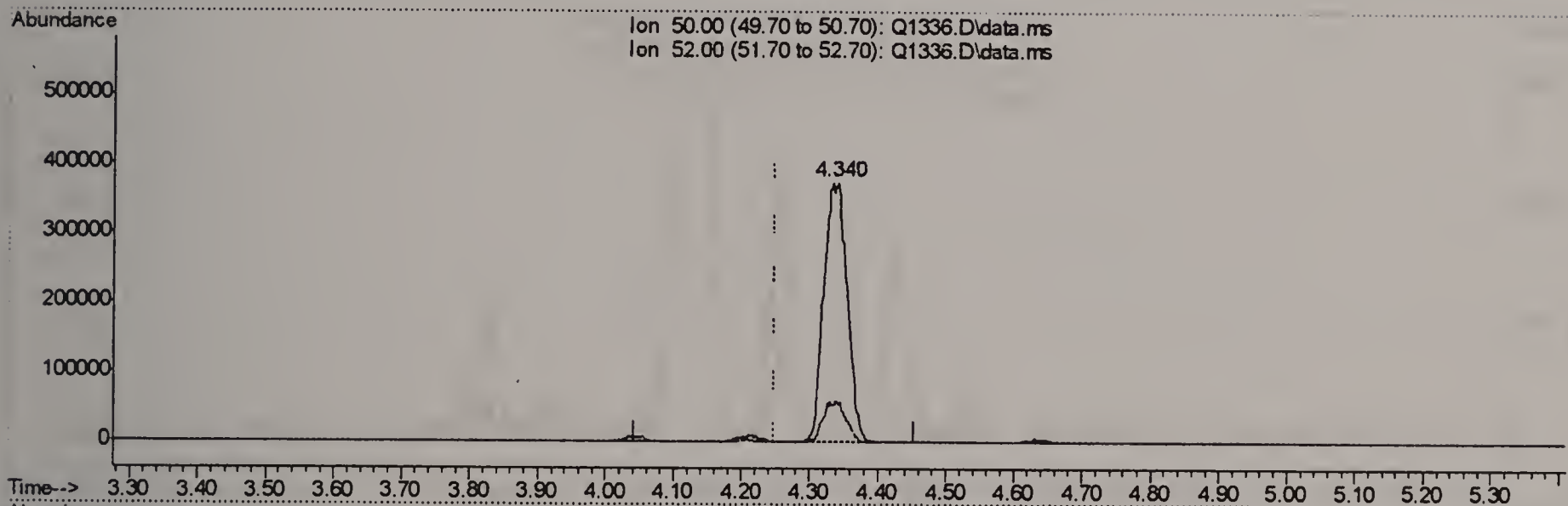
Tgt Ion	Ratio	Lower	Upper
146	100		
148	53.9	43.5	83.5
111	31.4	22.4	62.4



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.340min (+0.091) 19.20PPBV

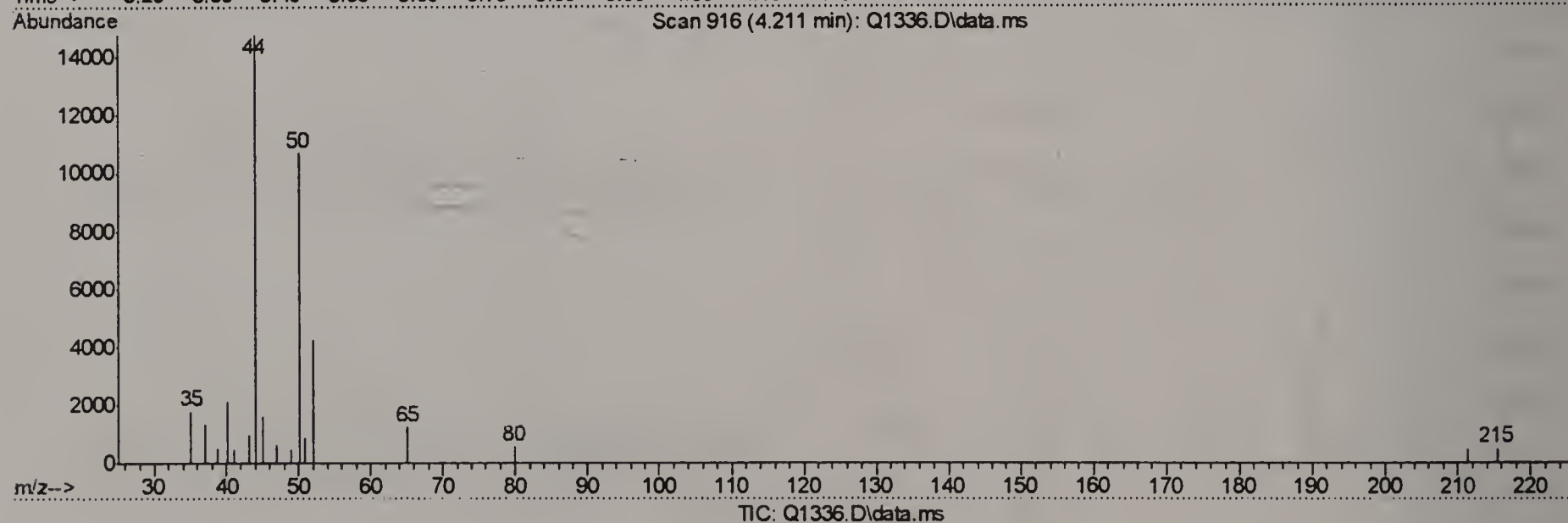
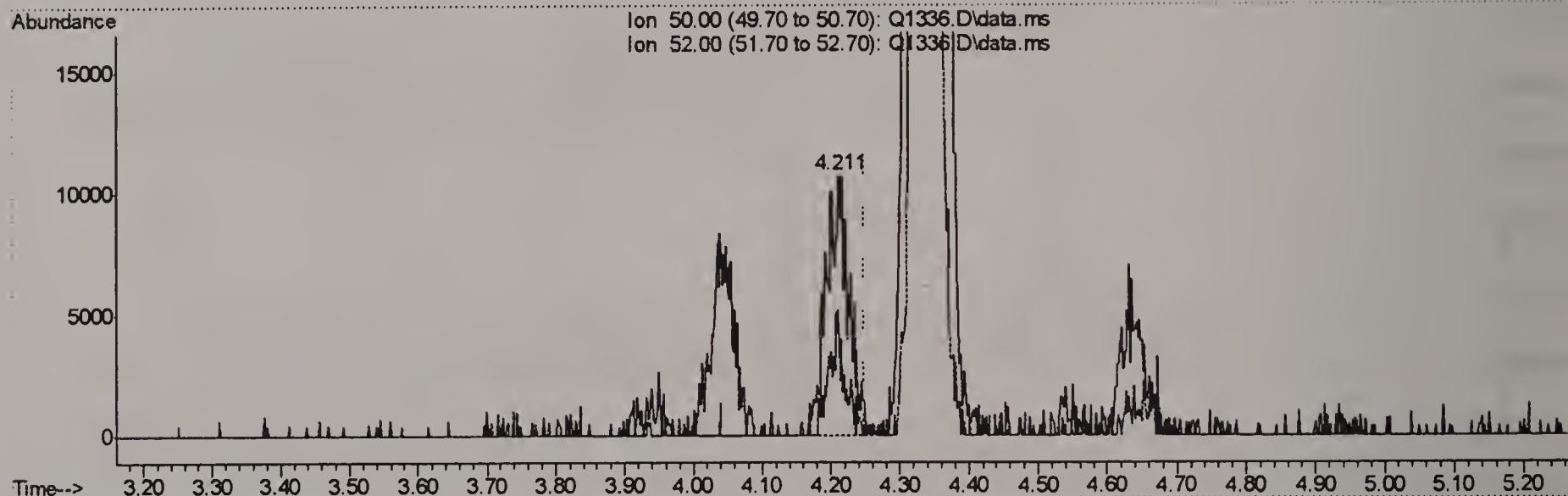
response 897831

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	14.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.52PPBV m

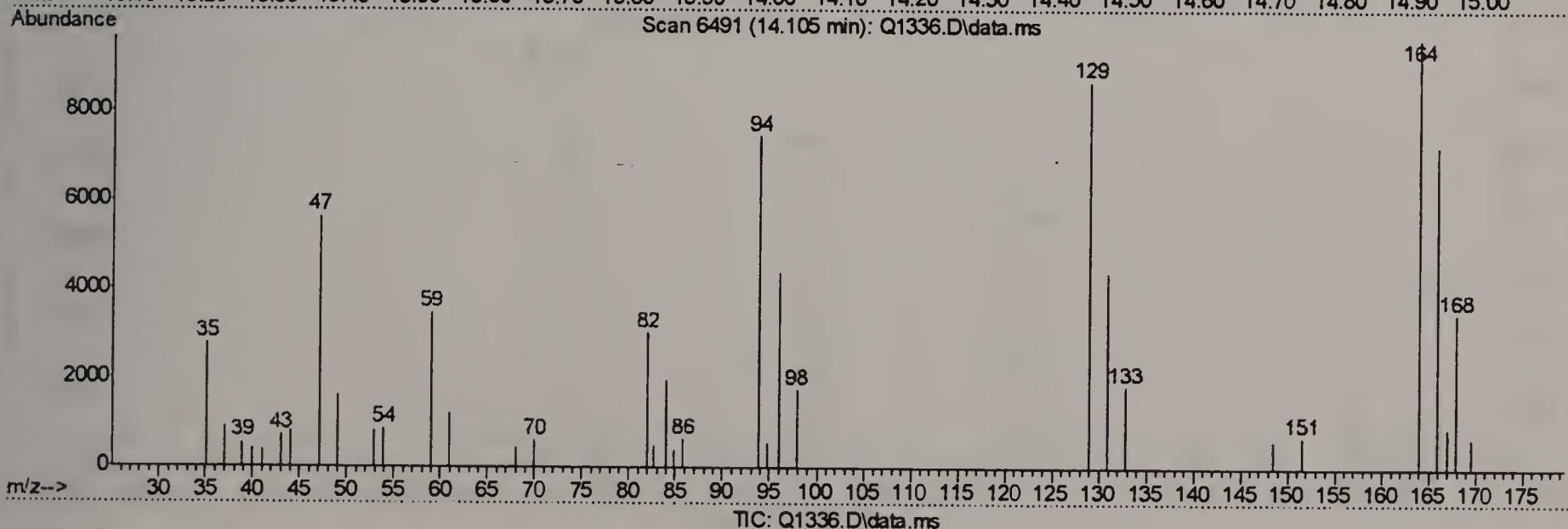
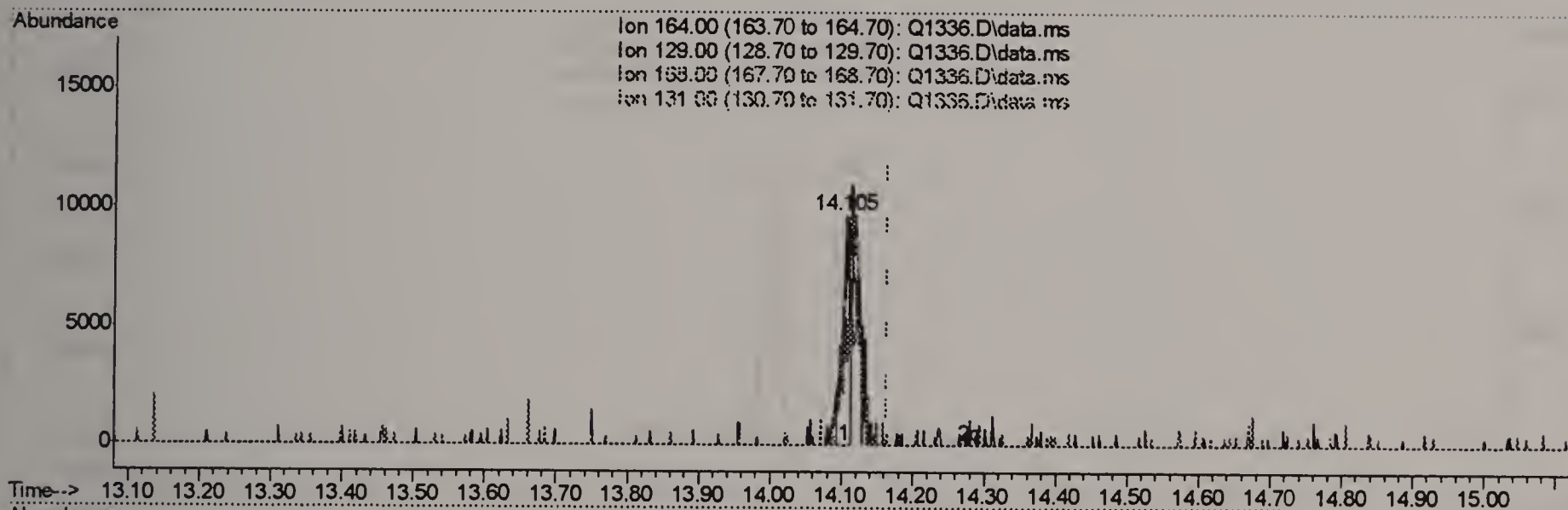
response 24420

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	39.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.105min (-0.058) 0.24PPBV

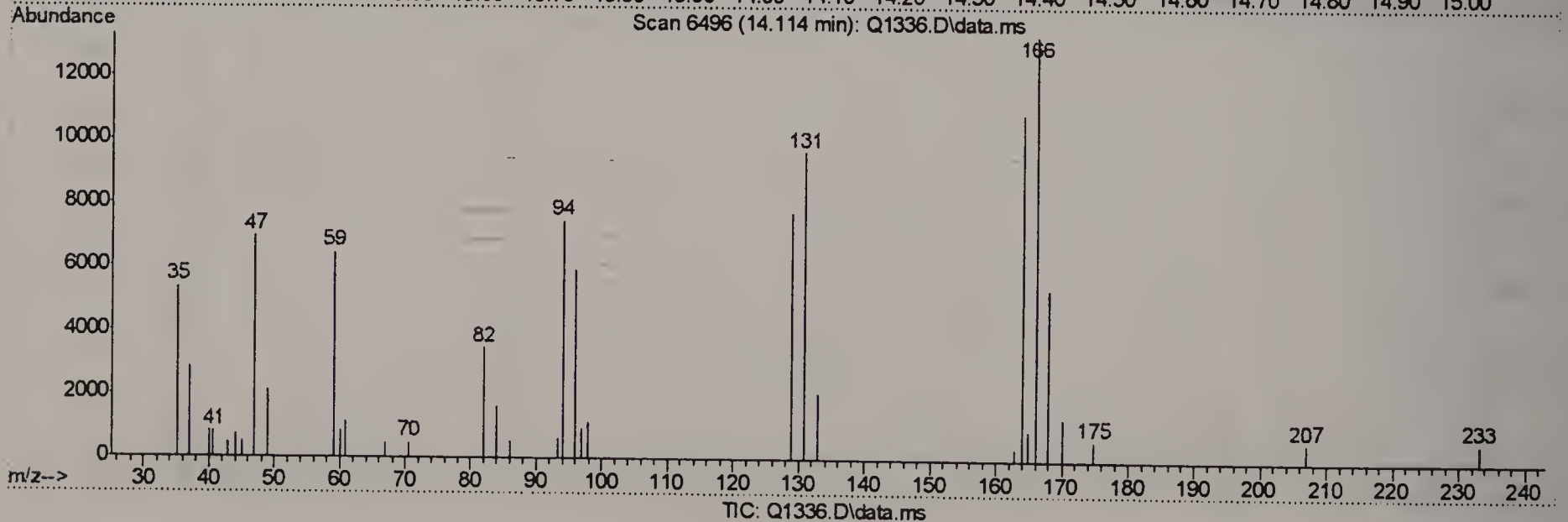
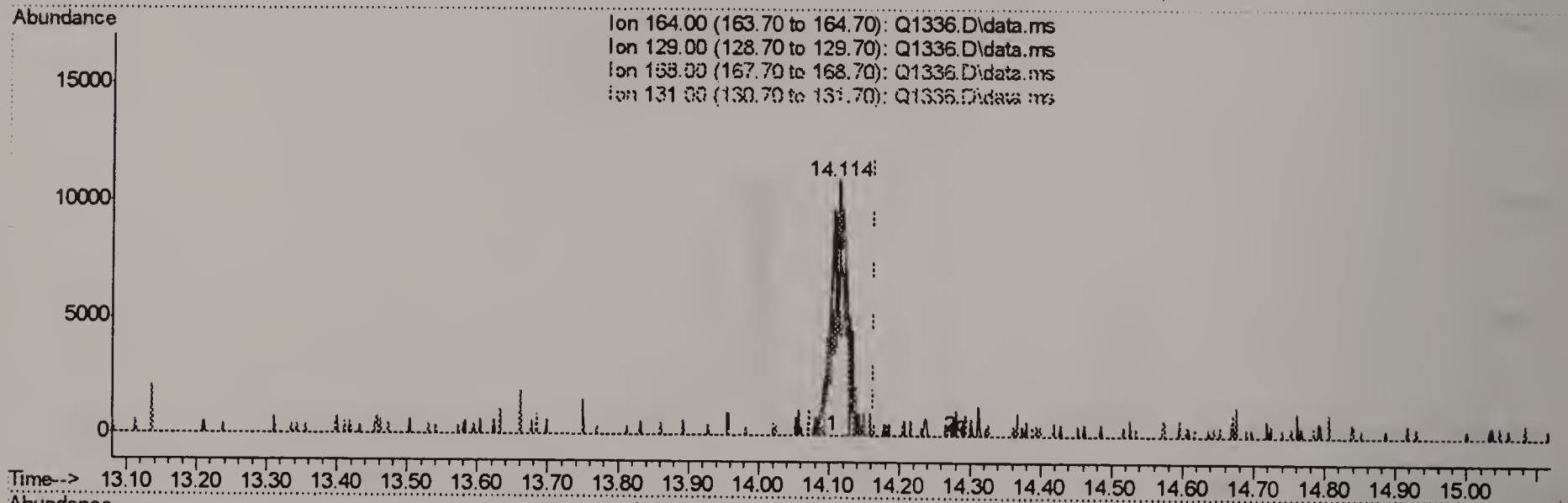
response 7467

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	202.30#
168.00	62.70	120.54#
131.00	95.20	173.16#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.114min (-0.049) 0.50PPBV m

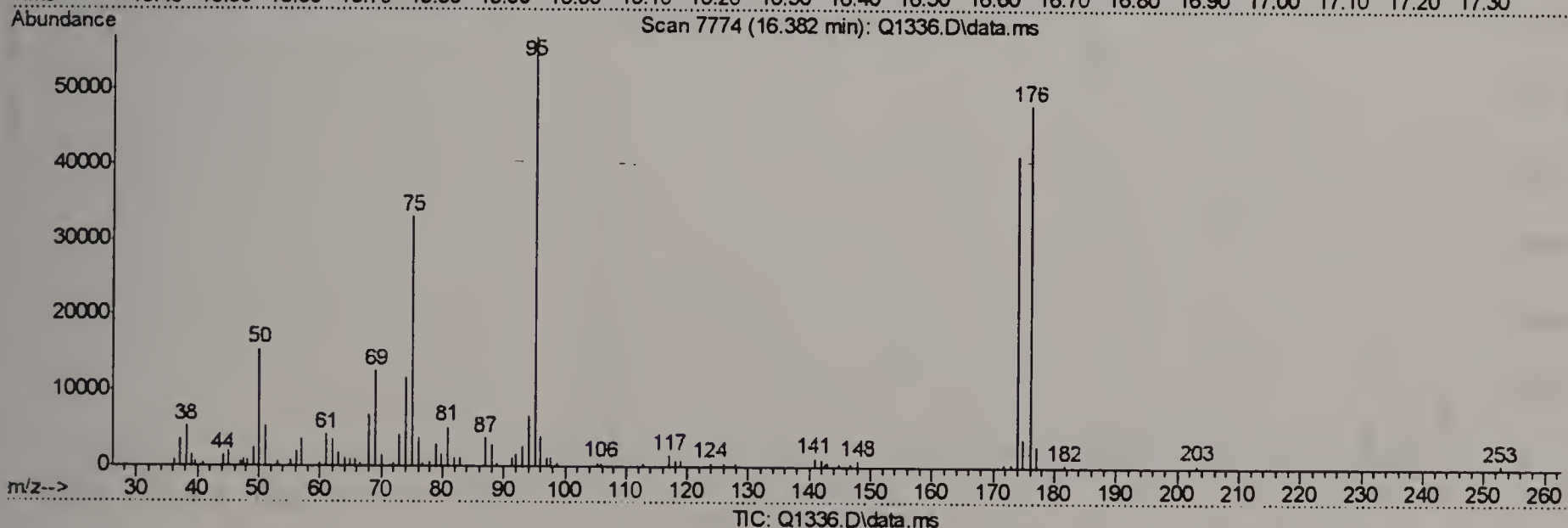
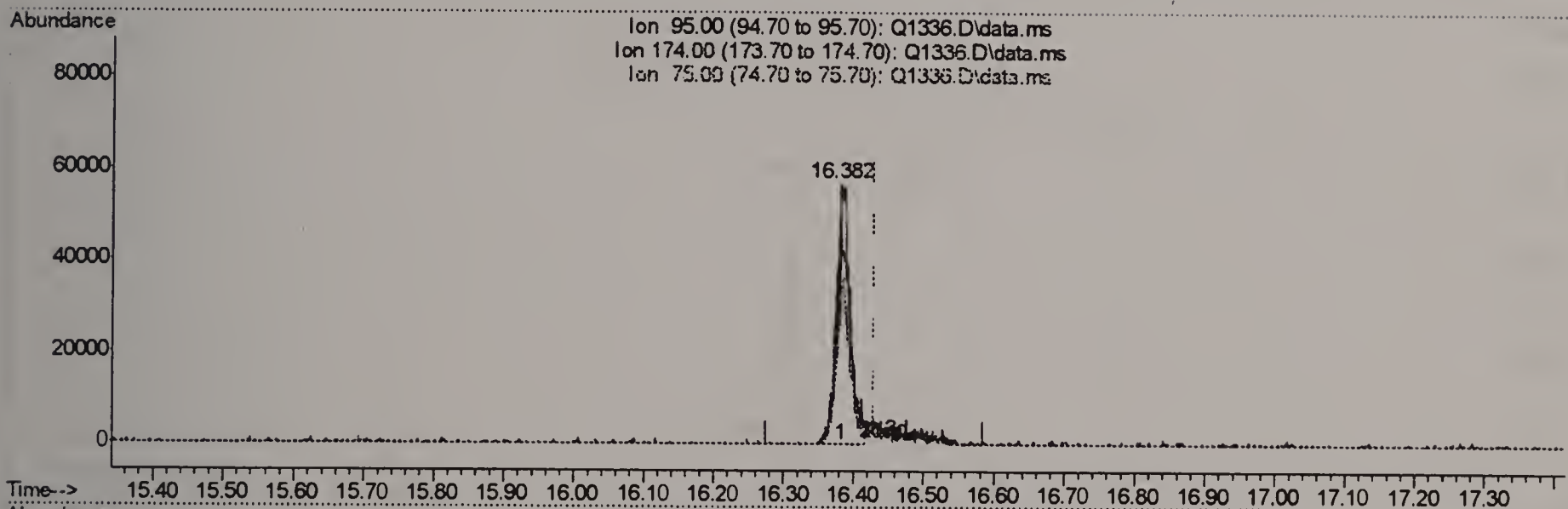
response 15504

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	97.43
168.00	62.70	58.06
131.00	95.20	83.40

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 2.74PPBV

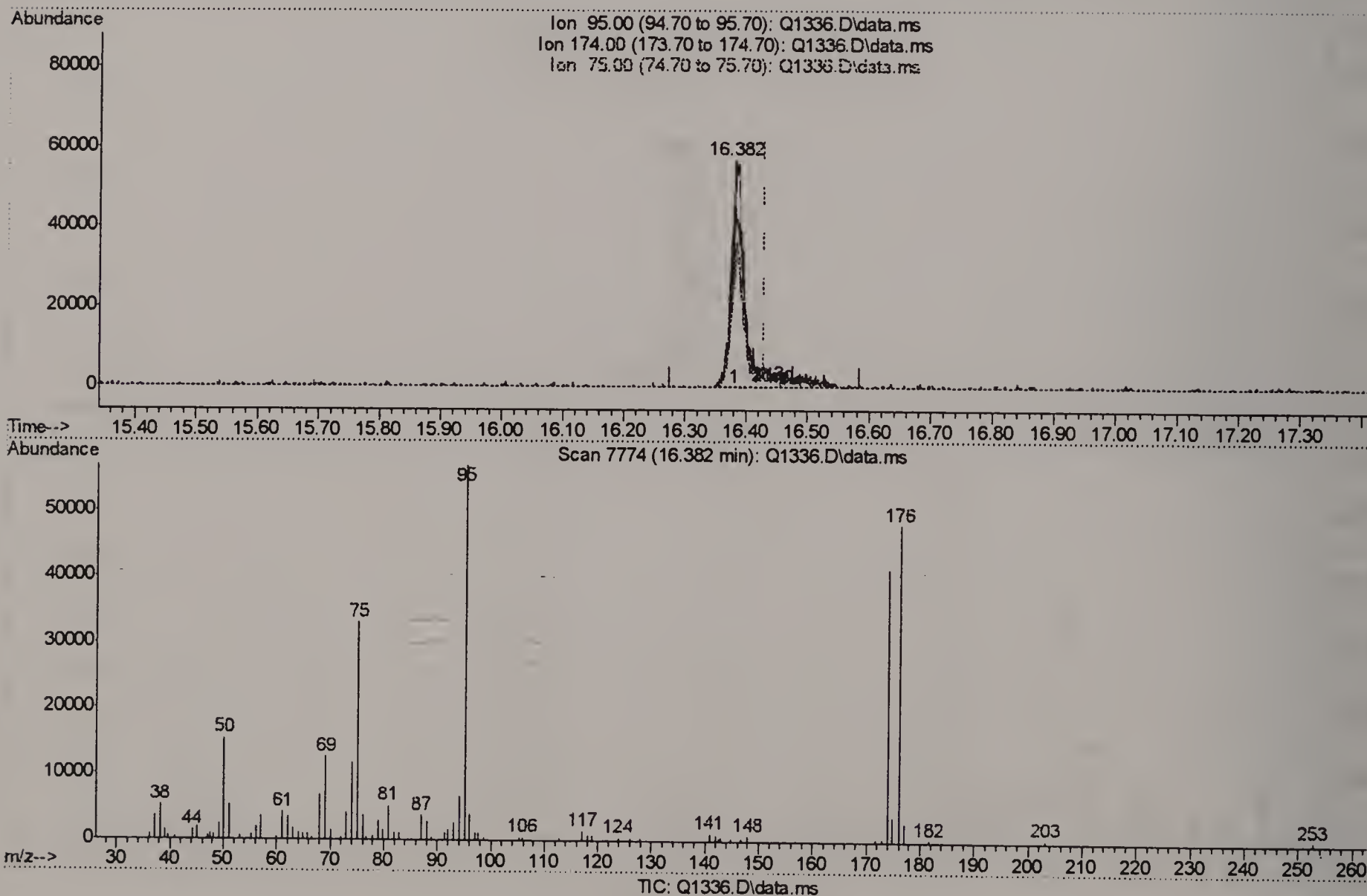
response 81942

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	84.66
75.00	52.30	62.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.36PPBV m

response 100561

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	68.98
75.00	52.30	50.61
0.00	0.00	0.00

Logbook Pages

70-15

(Test)

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	8-7-06
BATCH ID	MSQ 68
ANALYST	PR

ALS DATA	
METHOD	TO-15
NAMELIST	N1
QC FILE	N

GC/MS DATA	
METHOD	MSD-2
SEQ	2040705
ICAL	8-7-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA 154	15/55 STD	19/100
MSA 155	TO-15 STD	20/100
MSA 154	TO-15 STD	40/100

Sequence Verified: PR 8-8-06

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q1303	BLU	M035	TO-15	N1	1	400	1	N1
04	BLU	↓		↓	1	400		N1
05	10/11/0	M140		MSA 154	2	400		Auto Tune
06	1068-5					200		O.I.
07	-2					80		
08	-5					20		
09	-10					400		
10	-2					8		
11	-20					800		
12	1CL	D-11		MSA 154	3	50	1	15TH Low re. 100
13	1CL	D-11		MSA 154	3	100		no run. Auto
14	MR	M035		N1	4	400		Injector error
15	BLU	M153			5			
16	MS4258-1	M171			6			
17	J-2	M466			7			
18	MS4077-1	M141			8			
19	.1d4	M141			8			
20	.2	M402			9			
21	.3	M161			10			

QA Review:

117 8/8/06

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	8-8-06
BATCH ID	MS069
ANALYST	PH

ALS DATA	
METHOD	70-15
NAMELIST	11
QC FILE	11

GC/MS DATA	
METHOD	Q0807067.N
SEQ	Q0807065
ICAL	8.7-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA 178	15155 STD	46/10/16
MSA 185	70-15 STD	20/1/0
MSA 184	70-15 STD	20/1/0

Sequence Verified: 8-9-06

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q1322	CC68-10	M140	70-15	MSA 185	2	400	1	O/C (1ST 0) BFB
23	166/BS	D011		MSA 184	3	100		O/C use 45 CC
24	BLK	M035		MS 11734	4	400		O/C
25	MB	M153			5			O/C
26	MS8364-1	M112			5			
27	1.2	M093			6			
28	1.3	M069			7			
29	1.4	M138			8			
30	MS8258.2	M066			9			ISTH Low re-run
31	1.1	M131			10			O/C.
32	MS8073.1	M141			11			
33	MS8258.2	M066			9			
34	MS8073.2	M002			12			
35	1.3	M161			13			
36	1.3dup	M161			13			
<div style="position: relative; height: 200px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; transform: rotate(45deg);"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; transform: rotate(-45deg);"></div> </div>								

QA Review: 8/9/06



Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045160

Accutest Job Number: M58258

Sampling Date: 08/01/06

Report to:

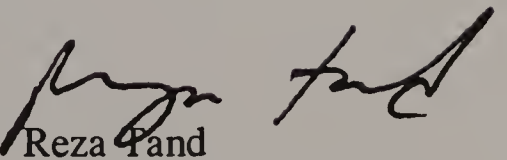
GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890-1970

ATTN: Richard Peary

Total number of pages in report: 227

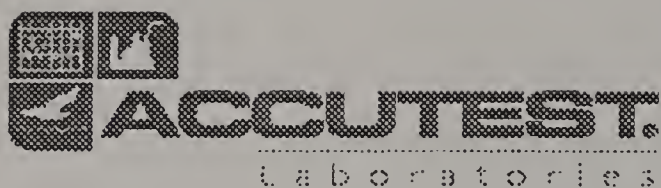


Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Reza Fand
Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579)
NY (23346) NJ (MA926) NAVY USACE

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SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: GEI Consultants, Inc.

Job No M58258

Site: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Report Date 8/10/2006 11:46:17 A

2 Sample(s) were collected on 08/01/2006 and were received at Accutest on 08/01/2006. These Samples received an Accutest job number of M58258. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR	Batch ID: MSQ69
--------------------	------------------------

- ⌘ All samples were analyzed within the recommended method holding time.
- ⌘ All method blanks for this batch meet method specific criteria.
- ⌘ Sample(s) M58073-3DUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M58258).

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For
Non-USEPA/CLP Methods

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SECTION 1 GENERAL

1. Sample Results
2. Chain of Custody
3. Sample Log-In Documents
4. Telephone Conversation Records/Fax/Notes

Sample Summary

GEI Consultants, Inc.

Job No: M58258

Indoor & Outdoor Air Samples Tufts St., Somerville MA
Project No: 045160

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
M58258-1	08/01/06	09:53 KAW	08/01/06	AIR Air	045160-25TUFTS-1
M58258-2	08/01/06	09:55 KAW	08/01/06	AIR Air	045160-25TUFTS-B

Report of Analysis

Client Sample ID:	045160-25TUFTS-1		
Lab Sample ID:	M58258-1	Date Sampled:	08/01/06
Matrix:	AIR - Air	Summa ID:	M131
Method:	TO-15	Date Received:	08/01/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
	Percent Solids:	n/a	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1331.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.29	0.20	ppbv		2.0	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	64%		57-139%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-25TUFTS-B		
Lab Sample ID:	M58258-2	Date Sampled:	08/01/06
Matrix:	AIR - Air	Summa ID:	M066
Method:	TO-15	Date Received:	08/01/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
		Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1333.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.57	0.20	ppbv		3.9	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	63%		57-139%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Sample Tracking Chronicle
- Internal Chain of Custody

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M58258

Indoor & Outdoor Air Samples Tufts St., Somerville MA
Project No: 045160

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M58258-1 Collected: 01-AUG-06 09:53 By: KAW Received: 01-AUG-06 By: RS 045160-25TUFTS-1						
M58258-1	TO-15	08-AUG-06 15:45	PB			VTO15STD
M58258-2 Collected: 01-AUG-06 09:55 By: KAW Received: 01-AUG-06 By: RS 045160-25TUFTS-B						
M58258-2	TO-15	08-AUG-06 17:40	PB			VTO15STD

Laboratory job # M58258
(Lab use only)

YES ☒ NO ☐ NA ☐

Sample Specific Remarks[illegible]

Before submitting rush turnaround samples, you must

Received by: (signature)

~~7/7~~ NA Ambient

- Chloroethane
- Chloroform
- Chloromethane
- Carbon Tetrachloride
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- 1,2-Dichloroethane
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- Methylene Chloride
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene (PCE)
- Trichloroethylene
- Vinyl Chloride

Betty Baer

From: Reza Tand
Sent: Monday, August 07, 2006 2:53 PM
To: Betty Baer
Subject: FW: ExxonEverett-Accutest Job M58332

Betty please make the revisions as below & have this Scanned with the job.

Thanks,
Reza Tand

From: Maybury, Lynn [mailto:Lynn.Maybury@shawgrp.com]
Sent: Monday, August 07, 2006 2:43 PM
To: Reza Tand
Cc: Cote, Brian
Subject: RE: ExxonEverett-Accutest Job M58332

Reza,

We're requesting that the following client sample ID's for job M58332 (received on 8/3/06) be revised as shown:

M58332-1 LFE-1 change to LaFarge East Outer
M58332-2 LFE-2 change to LaFarge East Inner
M58332-3 LFE-3 change to LaFarge East Outer
M58332-4 LFE-4 change to LaFarge East Middle
M58332-5 LFE-5 change to LaFarge East Inner
M58332-6 LFE-1A change to LaFarge East Outer
M58332-7 LFE-2A change to LaFarge East Inner
M58332-8 LFE-3A change to LaFarge East Outer
M58332-9 LFE-4A change to LaFarge East Middle
M58332-10 LFE-5A change to LaFarge East Inner

Please call me with any questions.

Thanks,
Lynn

Lynn Maybury, P.G.
Geologist/Project Manager
Shaw Environmental and Infrastructure
88C Elm Street
Hopkinton, MA 01748
508-497-6166 direct
508-435-9641 fax
www.shawgrp.com <file://www.shawgrp.com>

1758258

Geotechnical
Environmental &
Water Resources
Engineering

**FAX**

1021 Main Street
Winchester, MA 01890
Tel. 781-721-4000 Fax 781-721-4073
www.geiconsultants.com

3

8.2.06
Date

04516
GEI Project or Proposal #

Task Code (If Required)

Number Of Pages
Including This Page

To: REZA TEND

Fax No: 508-481-7753

From: Paul Silva

Message:

REZE,

Please find ~~the~~ a revised COC
for the Tafts St air sampling.

Thanks,

GEI Use: Check One

File _____

Discard _____

Return to _____

8/1/2006
W. A. Chabot of Custody PACP 2006

Chloroethane

~~Chloroform~~

(PS)

~~Chloromethane~~

(PS)

- Carbon Tetrachloride
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- 1,2-Dichloroethane
- trans-1,2-Dichloroethylene

- cis-1,2-Dichloroethylene

~~Methylene Chloride~~

(PS)

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene (PCE)
- Trichloroethylene
- Vinyl Chloride

Summa Certification Blanks

M58258-1 (M131)

M58258-2 (M066)

Data Path : C:\msdchem\1\DATA\
Data File : q908.d
Acq On : 19 Jun 2006 7:21 pm
Operator : PhilipB
Sample : M57220-12 (M131)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 11:15:32 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.735	128	315672	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.564	114	1400585	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.811	117	1014408	10.00	PPBV	0.00

System Monitoring Compounds

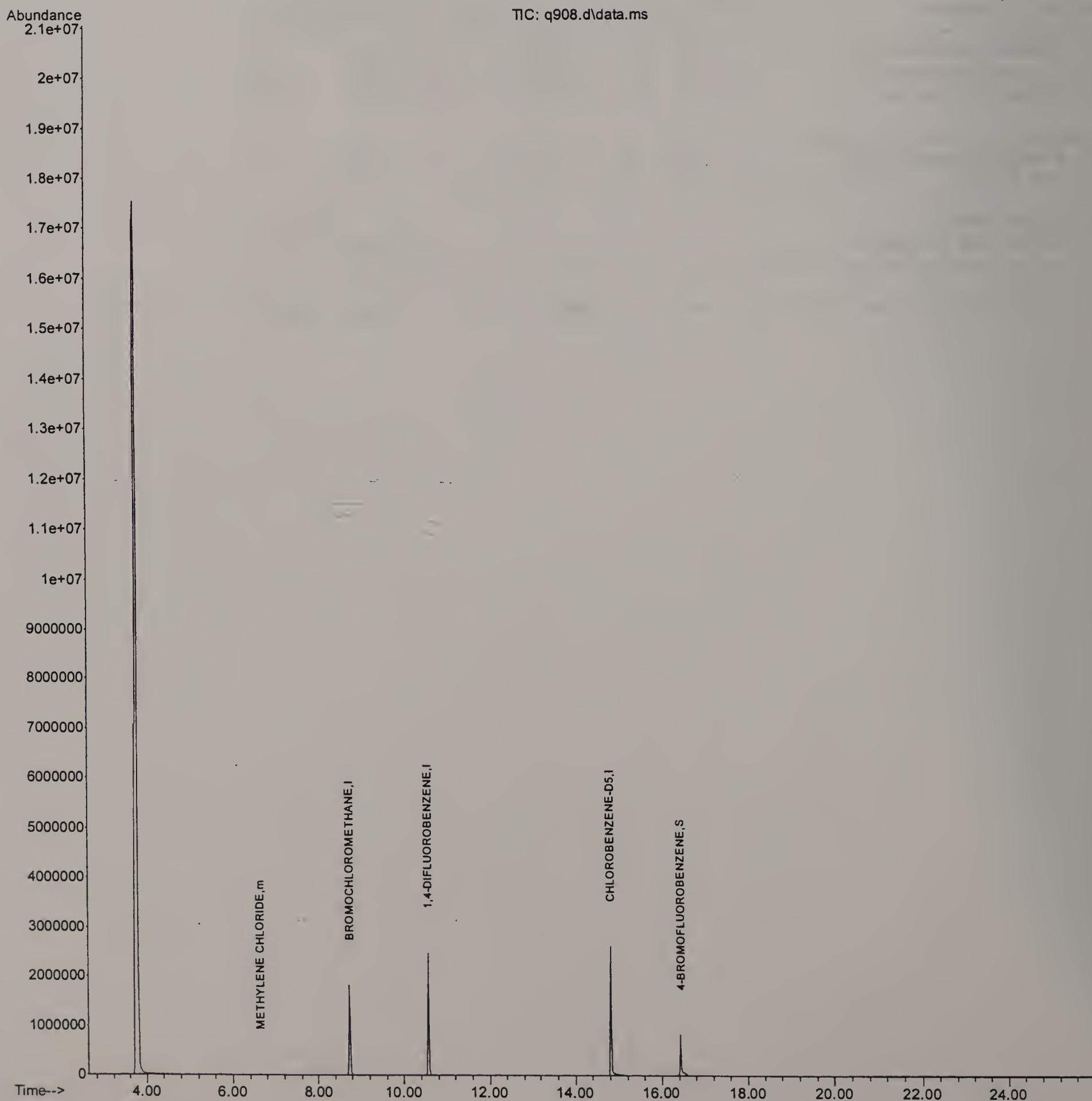
61) 4-BROMOFLUOROBENZENE	16.430	95	316935m	4.57	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	91.40%

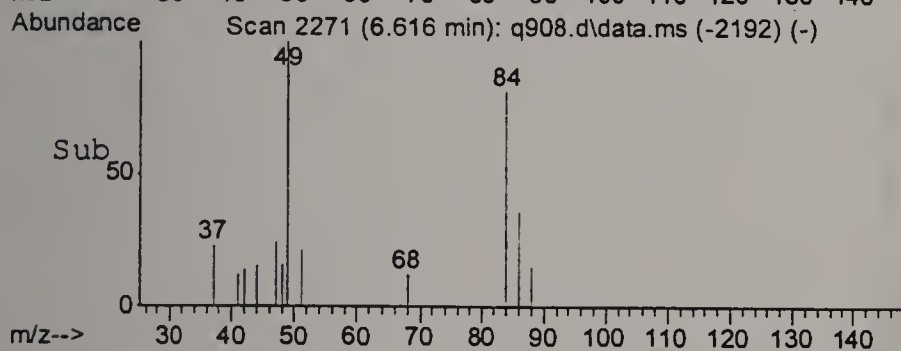
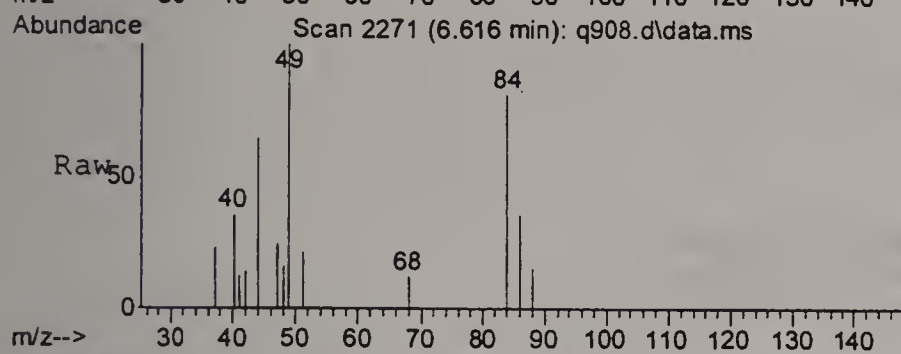
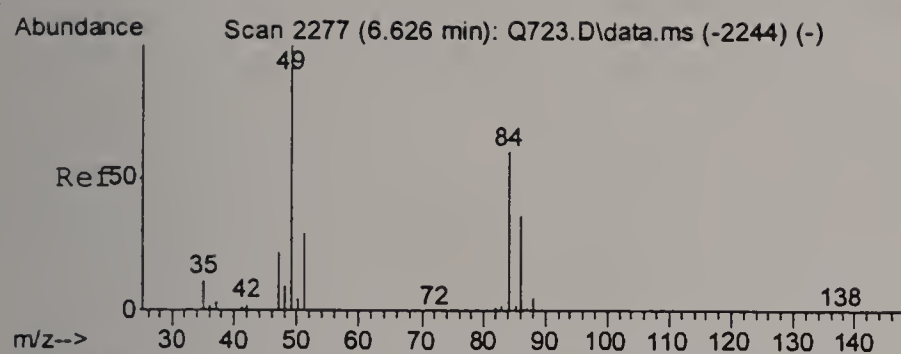
Target Compounds					Qvalue
18) METHYLENE CHLORIDE	6.616	84	7447m	0.13	PPBV

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : q908.d
Acq On : 19 Jun 2006 7:21 pm
Operator : PhilipB
Sample : M57220-12 (M131)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 6 Sample Multiplier: 1

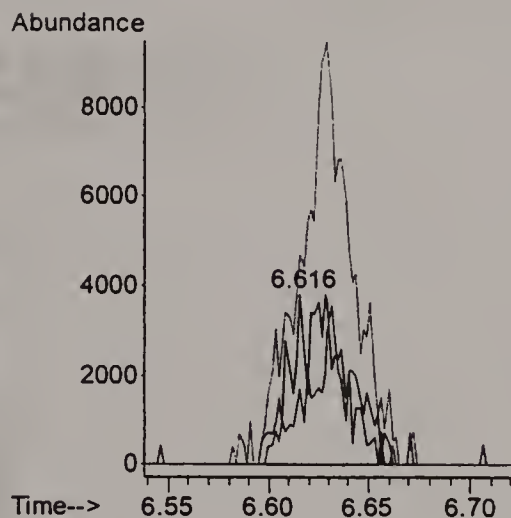
Quant Time: Jun 20 11:15:32 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration





#18
 METHYLENE CHLORIDE
 Concen: 0.13 PPBV m
 RT: 6.616 min Scan# 2271
 Delta R.T. -0.010 min
 Lab File: q908.d
 Acq: 19 Jun 2006 7:21 pm

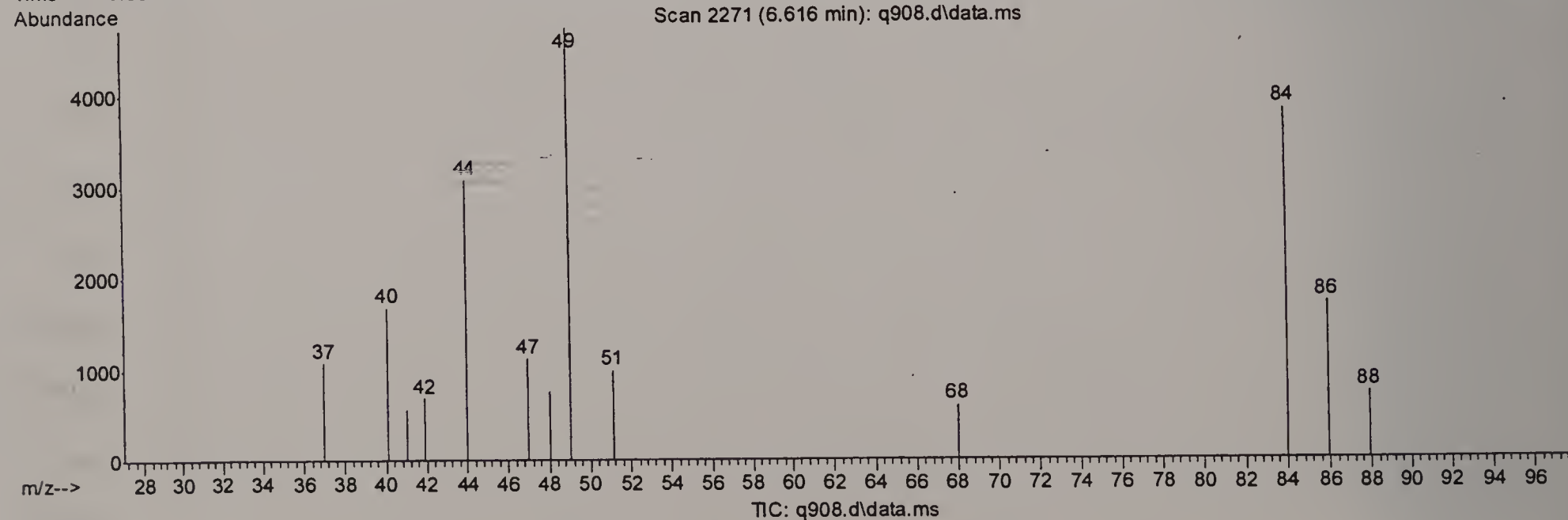
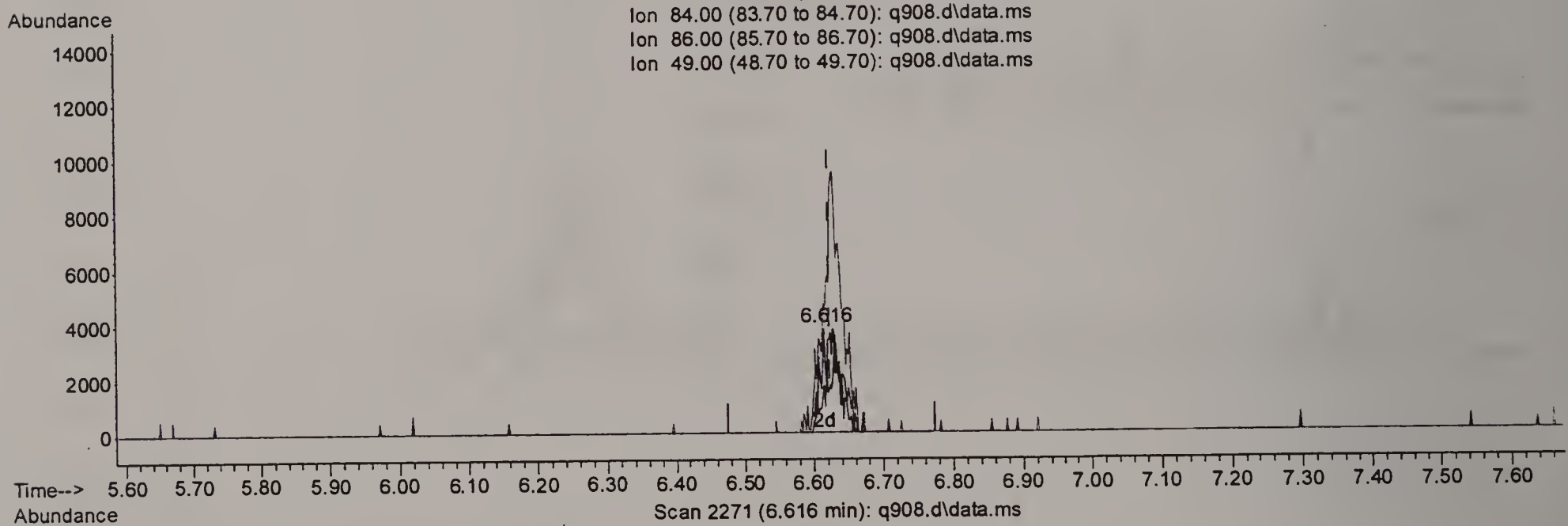
Tgt Ion	Ratio	Lower	Upper
84	100		
86	39.9	44.6	84.6#
49	225.7	0.7	400.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : q908.d
 Acq On : 19 Jun 2006 7:21 pm
 Operator : PhilipB
 Sample : M57220-12 (M131)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 11:15:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.616min (-0.010) 0.13PPBV m

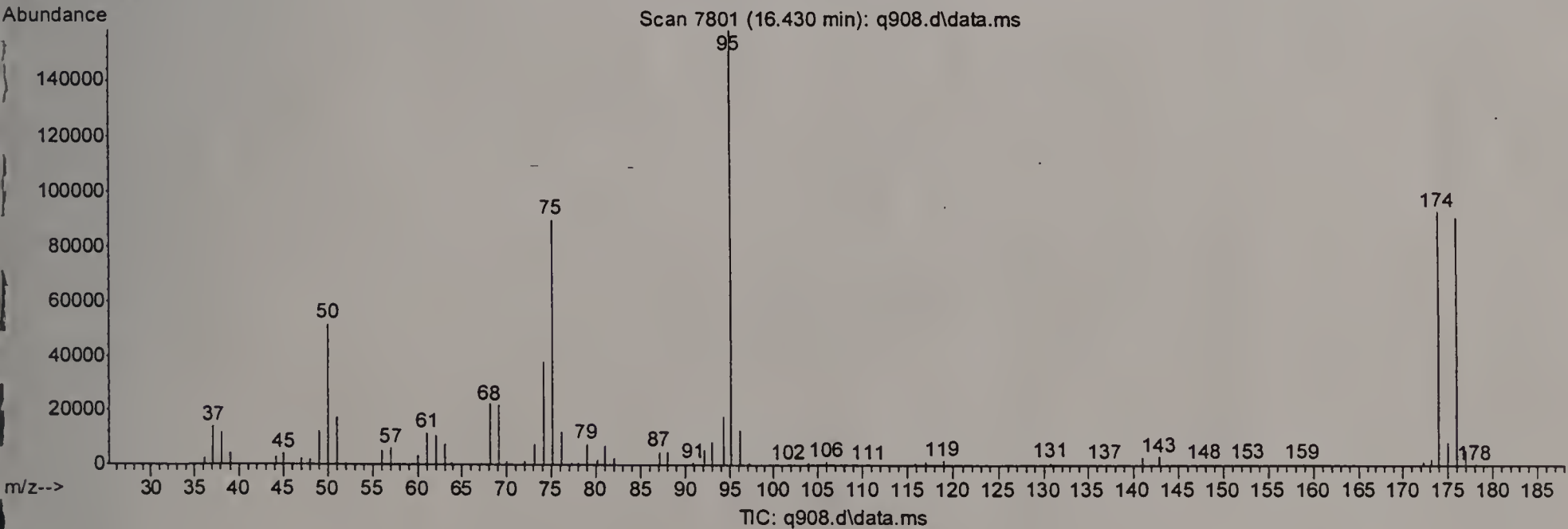
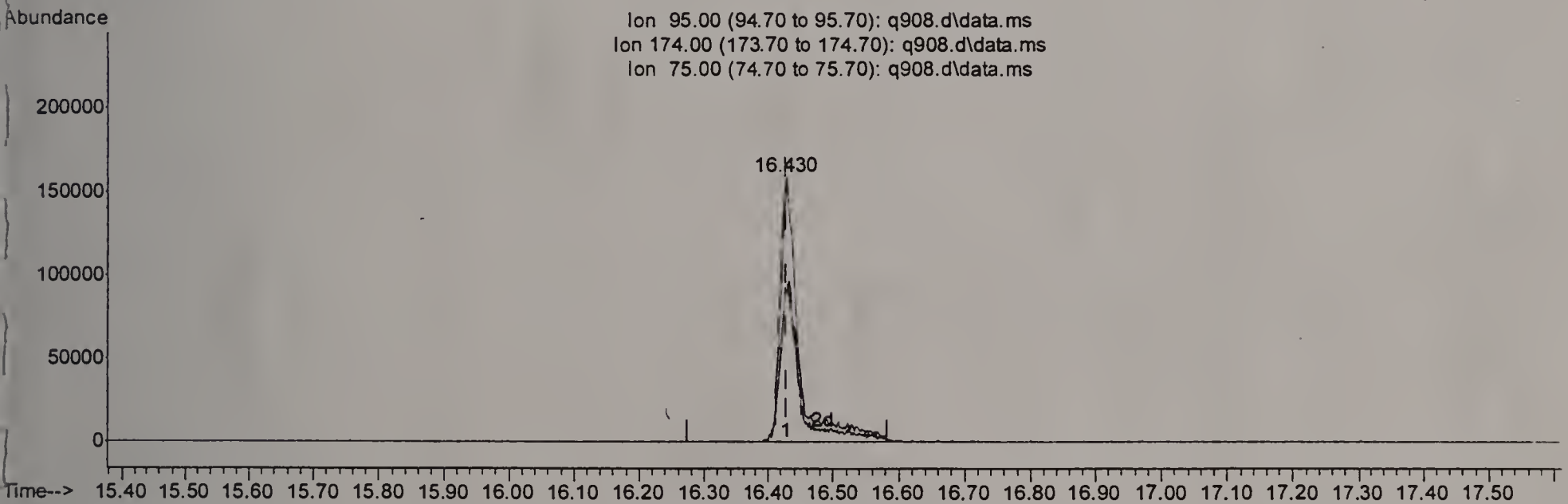
response 7447

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	39.92#
49.00	200.70	225.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : q908.d
 Acq On : 19 Jun 2006 7:21 pm
 Operator : PhilipB
 Sample : M57220-12 (M131)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 11:15:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (+0.000) 4.57PPBV m

response 316935

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	51.62
75.00	52.30	51.40
0.00	0.00	0.00

Data Path : C:\msdchem\1\DATA\
Data File : Q917.D
Acq On : 20 Jun 2006 2:11 am
Operator : PhilipB
Sample : M57220-20 (M066)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 11:34:19 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.733	128	240427	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.562	114	1056862	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.811	117	841716m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.430	95	248982m	4.33	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	86.60%

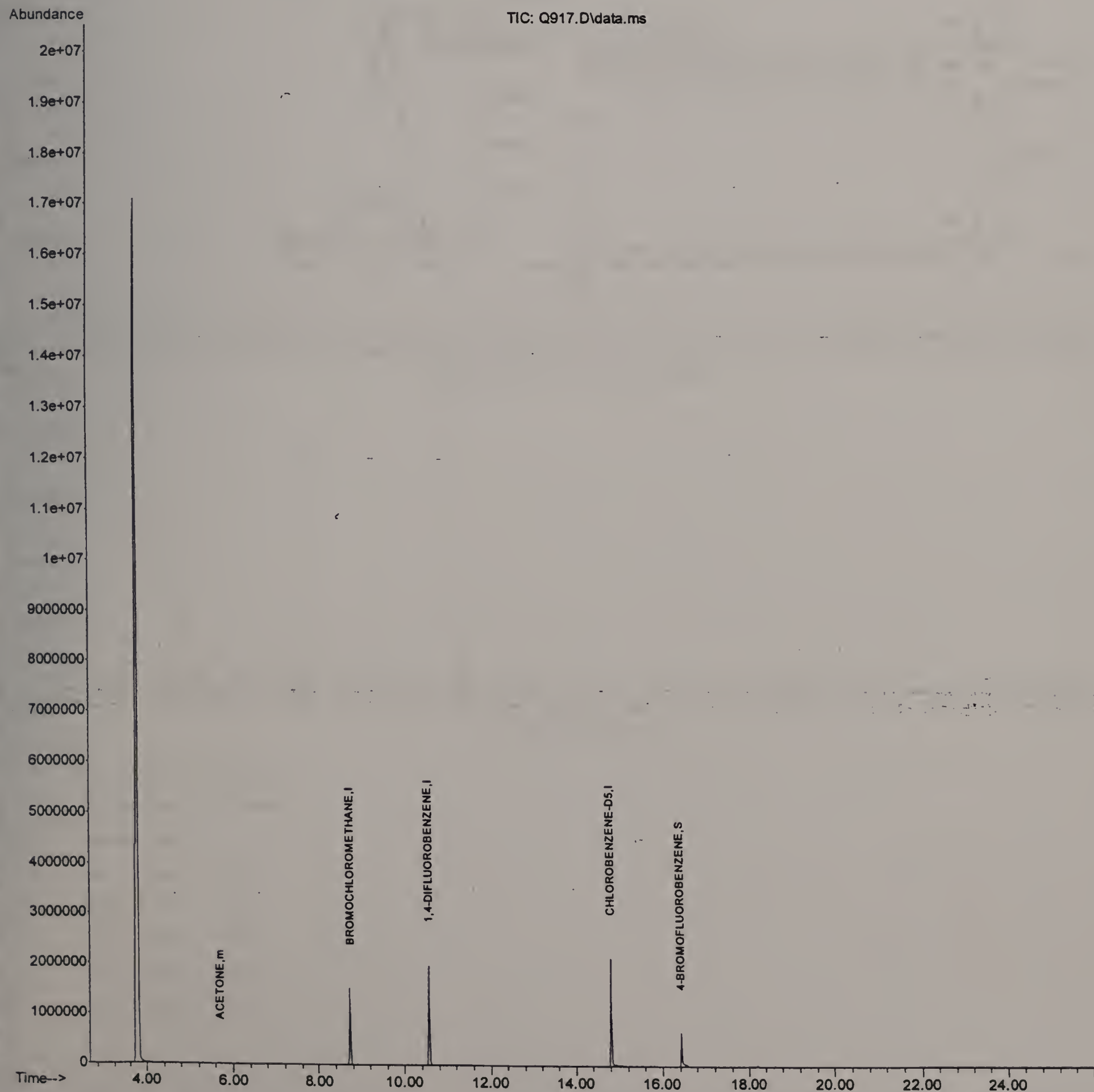
Target Compounds

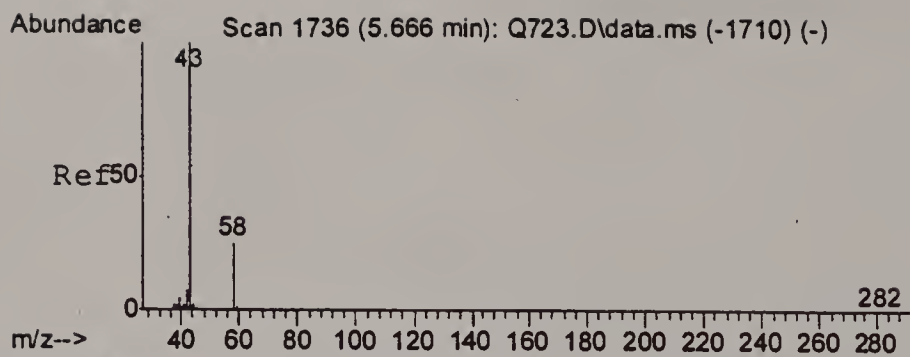
					Qvalue
12) ACETONE	5.685	43	21952	0.30	PPBV 77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q917.D
Acq On : 20 Jun 2006 2:11 am
Operator : PhilipB
Sample : M57220-20 (M066)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 15 Sample Multiplier: 1

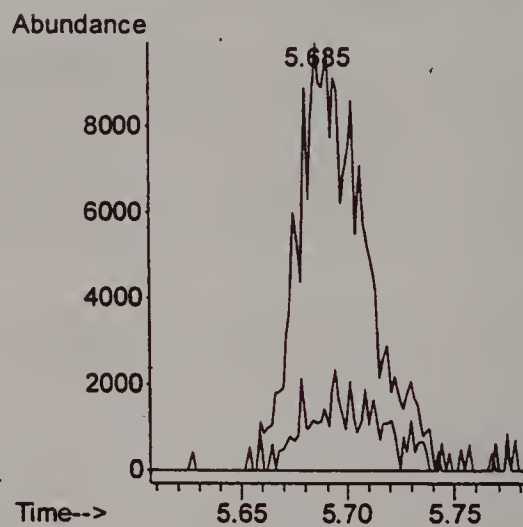
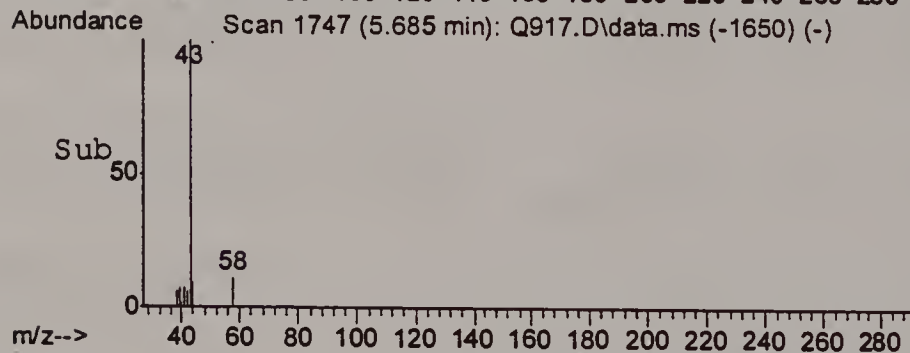
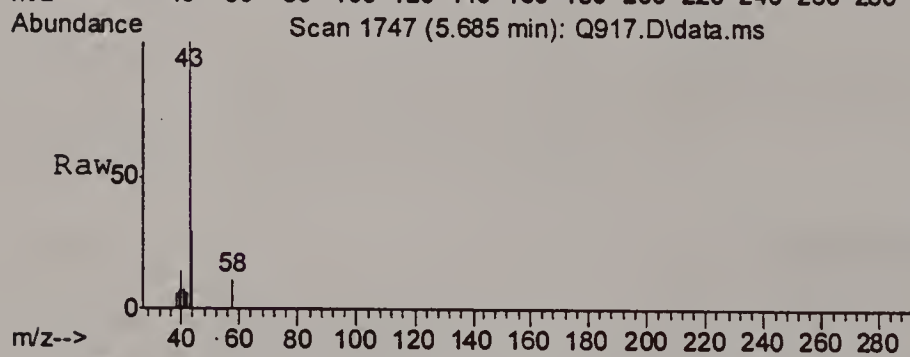
Quant Time: Jun 20 11:34:19 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration





#12
 ACETONE
 Concen: 0.30 PPBV
 RT: 5.685 min Scan# 1747
 Delta R.T. 0.016 min
 Lab File: Q917.D
 Acq: 20 Jun 2006 2:11 am

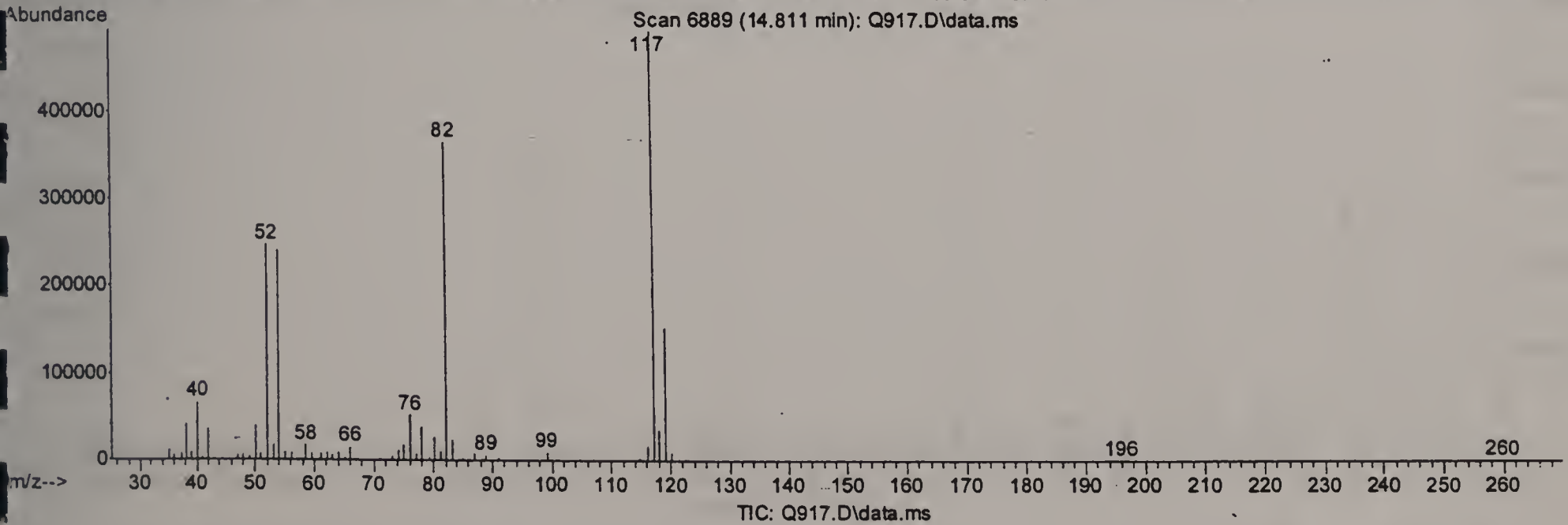
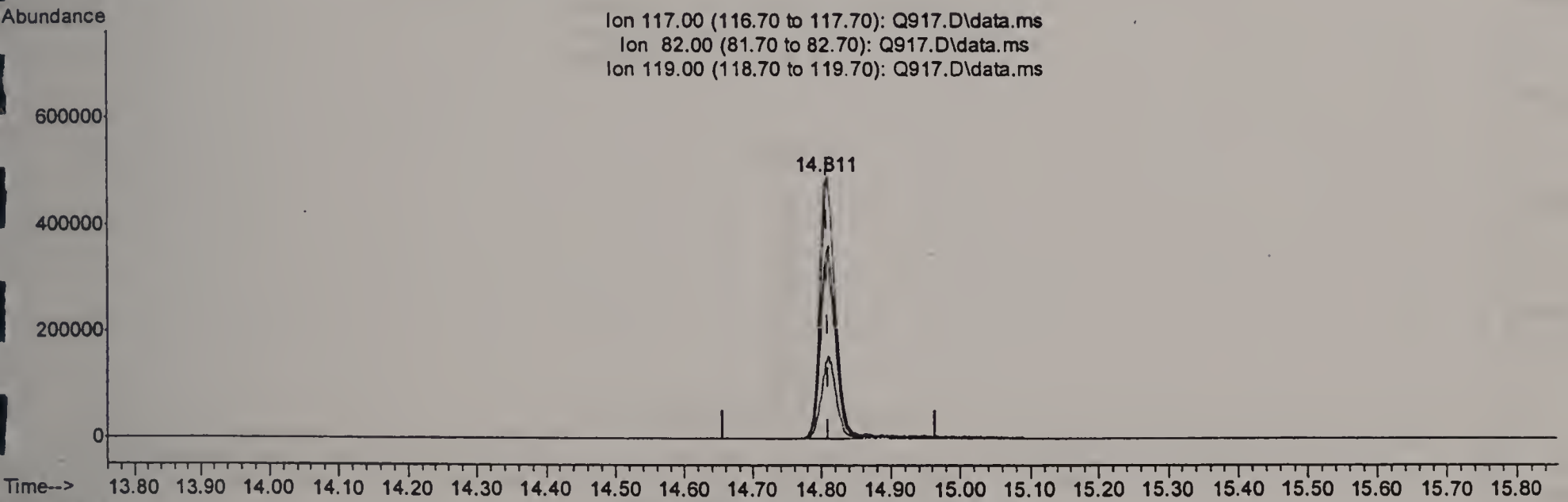
Tgt Ion: 43 Resp: 21952
 Ion Ratio Lower Upper
 43 100
 58 12.7 4.1 44.1



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q917.D
 Acq On : 20 Jun 2006 2:11 am
 Operator : PhilipB
 Sample : M57220-20 (M066)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 11:33:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.811min (-0.000) 10.00PPBV

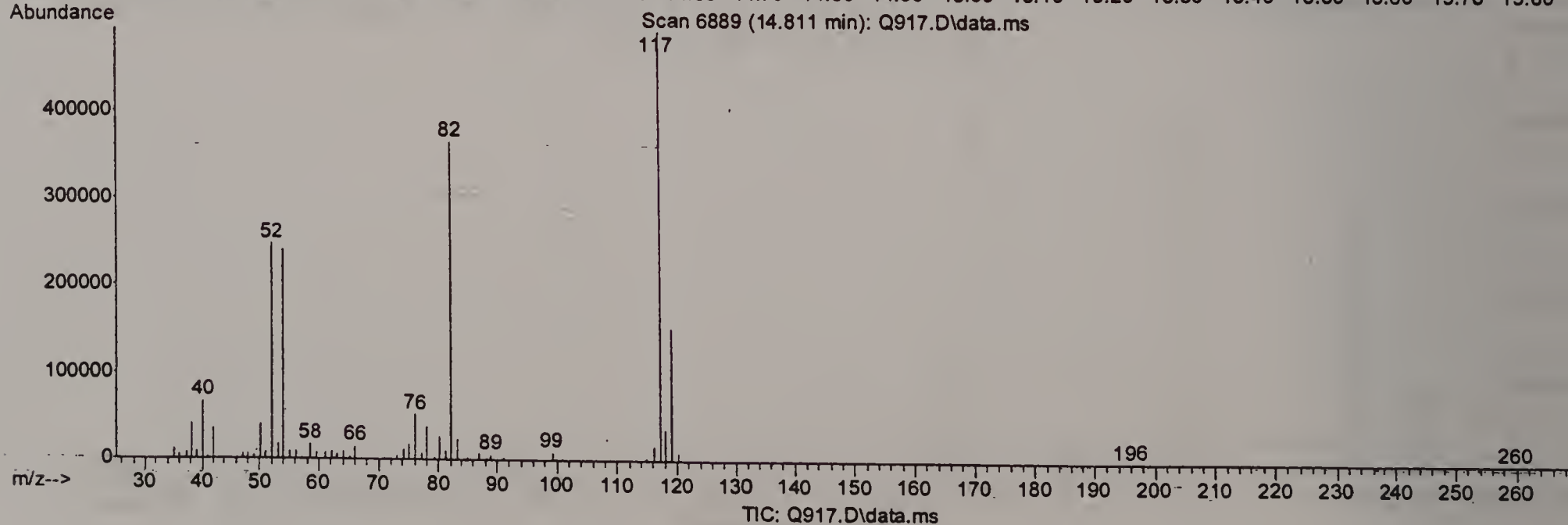
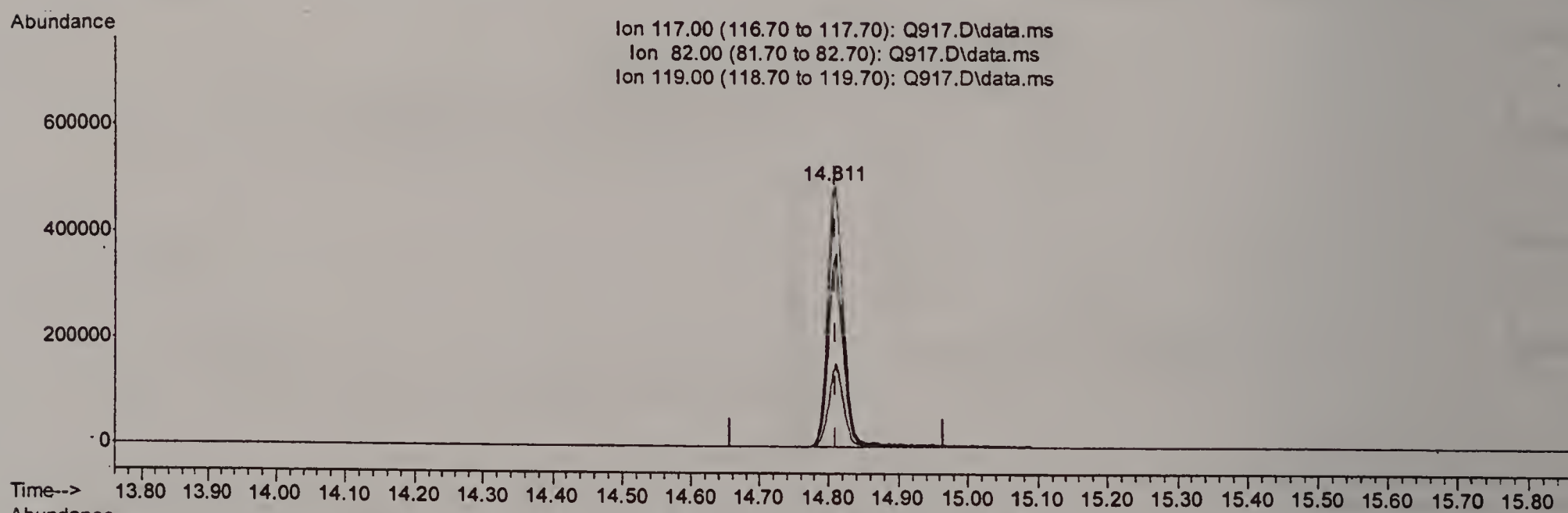
response 778577

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	71.52
119.00	31.70	30.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q917.D
 Acq On : 20 Jun 2006 2:11 am
 Operator : PhilipB
 Sample : M57220-20 (M066)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 11:33:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.811min (-0.000) 10.00PPBV m

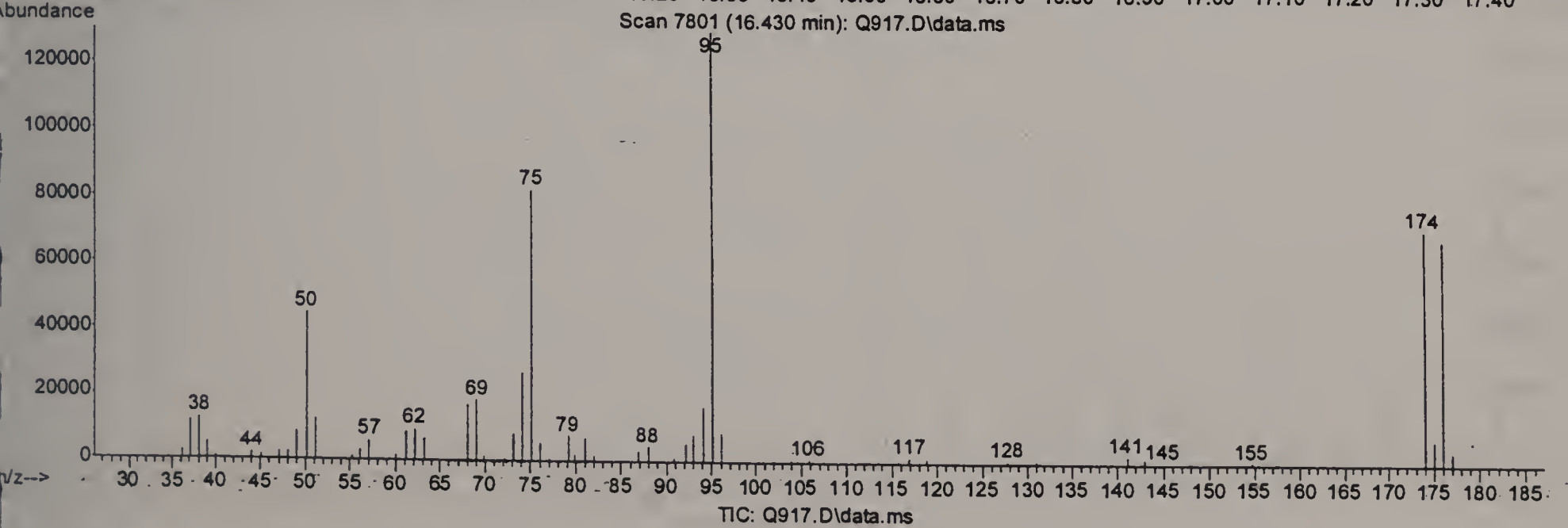
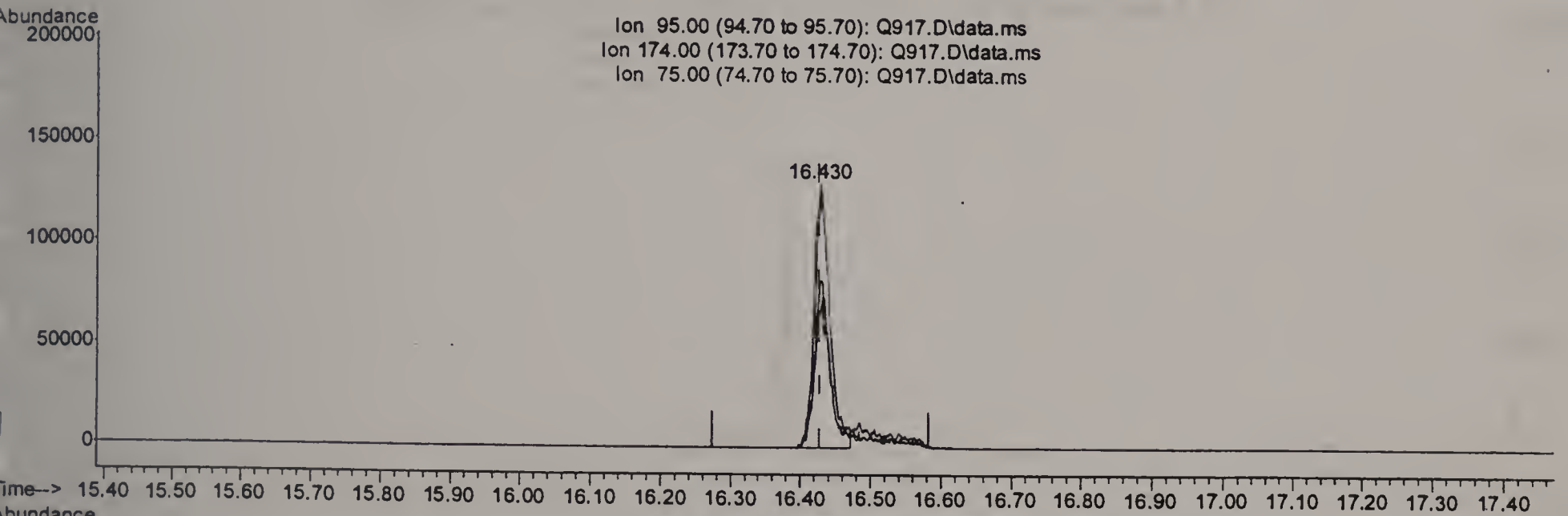
response 841716

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	66.15
119.00	31.70	28.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q917.D
 Acq On : 20 Jun 2006 2:11 am
 Operator : PhilipB
 Sample : M57220-20 (M066)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 11:33:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (-0.000) 3.57PPBV

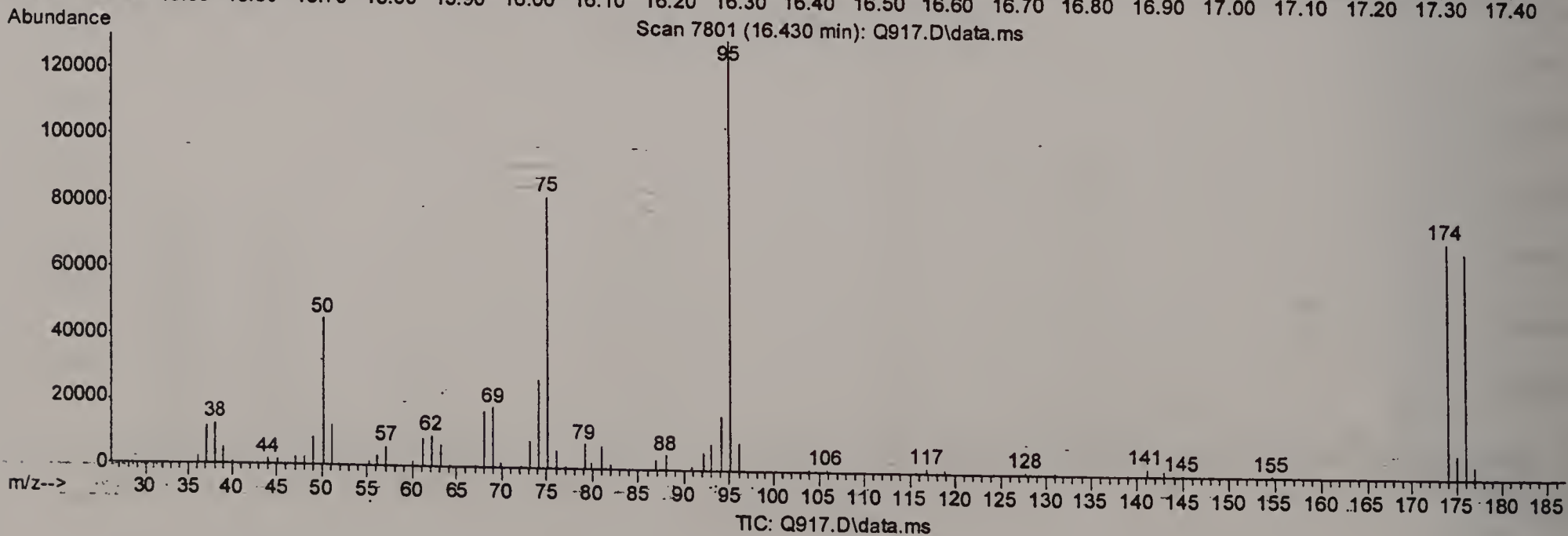
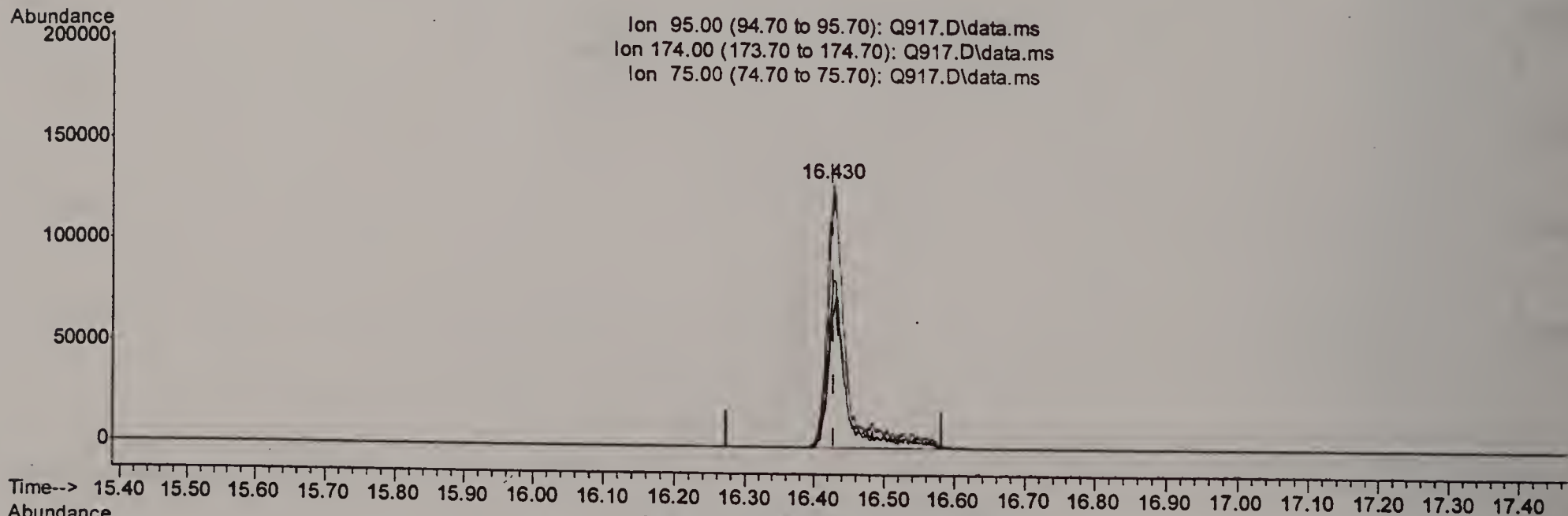
response 205222

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	58.66
75.00	52.30	63.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q917.D
 Acq On : 20 Jun 2006 2:11 am
 Operator : PhilipB
 Sample : M57220-20 (M066)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 11:33:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (-0.000) 4.33PPBV m

response 248982

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	48.35#
75.00	52.30	52.57
0.00	0.00	0.00

SECTION 2 GC/MS SUPPORT DATA

GC/MS Analysis Case Narrative/Conformance/Non-Conformance Summary

Fraction <u>70 15</u>	<u>NO</u>	<u>YES</u>
1. Chromatograms Labeled/Compounds Identified (<i>Field Samples and Method Blanks</i>)	_____	_____✓
2. GC/MS Tune Meet Criteria	_____	_____✓
3. GC/MS Tuning Frequency – Performed every 24 hours for 600 series and 12 hours for 8000 series .	_____	_____✓
4. GC/MS Calibration – Initial and Continuing Calibration Meet Method Requirements	_____	_____✓
5. GC/MS Calibration Requirements		
a. Calibration Check Compounds	_____	_____✓
b. System Performance Check Compounds	_____	_____✓
6. Blank Contamination	_____✓	_____
<i>If yes, the sample result is qualified with a "B".</i>		
7. Surrogate Recoveries Meet Criteria	_____	_____✓
<i>If the requirement is not met, refer to the Surrogate Summary for comment.</i>		
8. Blank Spike, Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria	_____	_____✓
<i>If the requirement is not met, refer to BSP, MS/MSD Summary for comment.</i>		
9. Extraction Holding Time Met	_____	_____N/A
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
10. Analysis Holding Time Met	_____	_____✓
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
11. Volatile Sample Preservation – pH should be < 2. List any non-compliant samples below:		

Additional Comments: _____

QC Review Signature: zhongyu Ma

Date: Aug 10, 2006

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Volatile Surrogate Recovery Summary

Page 1 of 1

Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Method: TO-15

Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M58258-1	Q1331.D	64.0
M58258-2	Q1333.D	63.0
M58073-3DUP	Q1336.D	67.0
MSQ69-BS	Q1323A.D	93.0
MSQ69-MB	Q1325.D	72.0

Surrogate Compounds	Recovery Limits
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S1 = 4-Bromofluorobenzene	57-139%
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Method Blank Summary

Page 1 of 1

Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ69-MB	Q1325.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58258-1, M58258-2

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	72% 57-139%

Blank Spike Summary

Page 1 of 1

Job Number: M58258
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ69-BS	Q1323A.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58258-1, M58258-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.3	93	61-138
56-23-5	Carbon tetrachloride	10	10.5	105	60-140
75-34-3	1,1-Dichloroethane	10	9.4	94	66-140
75-35-4	1,1-Dichloroethylene	10	9.1	91	65-127
107-06-2	1,2-Dichloroethane	10	10.6	106	61-149
156-60-5	trans-1,2-Dichloroethylene	10	9.1	91	67-126
156-59-2	cis-1,2-Dichloroethylene	10	9.6	96	71-127
71-55-6	1,1,1-Trichloroethane	10	10.7	107	60-143
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	65-145
79-00-5	1,1,2-Trichloroethane	10	10.8	108	65-135
127-18-4	Tetrachloroethylene	10	12.0	120	50-143
79-01-6	Trichloroethylene	10	10.5	105	63-135
75-01-4	Vinyl chloride	10	9.0	90	56-141

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	93%	57-139%

Duplicate Summary

Page 1 of 1

Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M58073-3DUP	Q1336.D	1	08/08/06	PB	n/a	n/a	MSQ69
M58073-3	Q1335.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58258-1, M58258-2

CAS No.	Compound	M58073-3	DUP	Q	RPD	Limits
		ppbv	ppbv			
75-00-3	Chloroethane	ND	ND		nc	25
56-23-5	Carbon tetrachloride	ND	ND		nc	25
75-34-3	1,1-Dichloroethane	ND	ND		nc	25
75-35-4	1,1-Dichloroethylene	ND	ND		nc	25
107-06-2	1,2-Dichloroethane	ND	ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND	ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND	ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND	ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND	ND		nc	25
127-18-4	Tetrachloroethylene	0.45	0.50		11	25
79-01-6	Trichloroethylene	ND	ND		nc	25
75-01-4	Vinyl chloride	ND	ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M58073-3	Limits
460-00-4	4-Bromofluorobenzene	67%	70%	57-139%

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ68-BFB

Injection Date: 08/07/06

Lab File ID: Q1306.D

Injection Time: 13:05

Instrument ID: GCMSQ

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	27326	24.4	Pass
75	30.0 - 66.0% of mass 95	61927	55.4	Pass
95	Base peak, 100% relative abundance	111867	100.0	Pass
96	5.0 - 9.0% of mass 95	8195	7.3	Pass
173	Less than 2.0% of mass 174	1020	0.91 (1.2) ^a	Pass
174	50.0 - 120.0% of mass 95	88389	79.0	Pass
175	4.0 - 9.0% of mass 174	5092	4.6 (5.8) ^a	Pass
176	93.0 - 101.0% of mass 174	84322	75.4 (95.4) ^a	Pass
177	5.0 - 9.0% of mass 176	5203	4.7 (6.2) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ68-IC68	Q1306.D	08/07/06	13:05	00:00	Initial cal 5
MSQ68-IC68	Q1307.D	08/07/06	14:44	01:39	Initial cal 2
MSQ68-IC68	Q1308.D	08/07/06	15:27	02:22	Initial cal .5
MSQ68-ICC68	Q1309.D	08/07/06	16:12	03:07	Initial cal 10
MSQ68-IC68	Q1310.D	08/07/06	17:39	04:34	Initial cal .2
MSQ68-IC68	Q1311.D	08/07/06	18:25	05:20	Initial cal 20

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-BFB

Injection Date: 08/08/06

Lab File ID: Q1322.D

Injection Time: 08:18

Instrument ID: GCMSQ

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	41996	24.7	Pass
75	30.0 - 66.0% of mass 95	91082	53.6	Pass
95	Base peak, 100% relative abundance	169936	100.0	Pass
96	5.0 - 9.0% of mass 95	13283	7.8	Pass
173	Less than 2.0% of mass 174	2039	1.2 (1.4) ^a	Pass
174	50.0 - 120.0% of mass 95	142208	83.7	Pass
175	4.0 - 9.0% of mass 174	12064	7.1 (8.5) ^a	Pass
176	93.0 - 101.0% of mass 174	137856	81.1 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	8821	5.2 (6.4) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ69-CC68	Q1323B.D	08/08/06	09:03	00:45	Continuing cal 10
MSQ69-ICV	Q1323.D	08/08/06	09:03	00:45	Initial cal verification
MSQ69-BS	Q1323A.D	08/08/06	09:03	00:45	Blank Spike
MSQ69-MB	Q1325.D	08/08/06	10:39	02:21	Method Blank
ZZZZZZ	Q1326.D	08/08/06	11:27	03:09	(unrelated sample)
ZZZZZZ	Q1327.D	08/08/06	12:15	03:57	(unrelated sample)
ZZZZZZ	Q1328.D	08/08/06	13:02	04:44	(unrelated sample)
ZZZZZZ	Q1329.D	08/08/06	13:58	05:40	(unrelated sample)
M58258-1	Q1331.D	08/08/06	15:45	07:27	045160-25TUFTS-1
ZZZZZZ	Q1332.D	08/08/06	16:53	08:35	(unrelated sample)
M58258-2	Q1333.D	08/08/06	17:40	09:22	045160-25TUFTS-B
ZZZZZZ	Q1334.D	08/08/06	18:26	10:08	(unrelated sample)
M58073-3	Q1335.D	08/08/06	19:12	10:54	(used for QC only; not part of job M58258)
M58073-3DUP	Q1336.D	08/08/06	19:57	11:39	Duplicate

Volatile Internal Standard Area Summary

Page 1 of 1

Job Number: M58258
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ69-CC68	Injection Date:	08/08/06
Lab File ID:	Q1323B.D	Injection Time:	09:03
Instrument ID:	GCMSQ	Method:	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	586635	8.68	1456860	10.52	940671	14.76
Upper Limit ^a	821289	9.01	2039604	10.85	1316939	15.09
Lower Limit ^b	351981	8.35	874116	10.19	564403	14.43

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ69-BS	586635	8.68	1456860	10.52	940671	14.76
MSQ69-MB	468774	8.68	1114562	10.51	617315	14.77
ZZZZZZ	418568	8.68	1022255	10.51	614347	14.76
ZZZZZZ	430550	8.68	1220200	10.52	889836	14.76
ZZZZZZ	528053	8.69	1293540	10.52	783027	14.76
ZZZZZZ	482631	8.68	1230406	10.51	792397	14.76
M58258-1	390280	8.68	1002885	10.52	621396	14.76
ZZZZZZ	457388	8.71	1252885	10.52	771164	14.76
M58258-2	424176	8.68	1035637	10.52	658854	14.76
ZZZZZZ	422070	8.68	1017173	10.52	631578	14.76
M58073-3	439482	8.68	1042286	10.51	629753	14.76
M58073-3DUP	442111	8.68	998713	10.52	596011	14.76

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15	
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.20	10.52	0.970	ok 0.971	0.911-1.031
Bromodichloromethane	11.16	10.52	1.061	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.85	8.68	0.559	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.52	0.995	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.52	1.044	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.52	1.064	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	17.99	14.76	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.72	8.68	1.005	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.52	1.089	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15	
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.03	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.52	1.207	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.36	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.76	0.957	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.98	10.52	1.234	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.52	1.065	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.38	14.76	1.042	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	535678	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1241423	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	844819	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.57	8.68	0.526	ok 0.527	0.467-0.587
Benzene	10.21	10.51	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.51	1.063	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.85	8.68	0.559	ok 0.559	0.499-0.619
Bromoethene	5.39	8.68	0.621	ok 0.622	0.562-0.682
Benzyl Chloride	17.98	14.76	1.218	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.07	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.51	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.51	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.51	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.51	1.144	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.76	1.220	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.06	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.51	1.191	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.51	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.52	14.76	1.119	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.57	8.68	0.757	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.51	1.146	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.76	8.68	0.894	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.34	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.51	1.069	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.68	0.744	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.76	0.957	ok 0.956	0.896-1.016
Tetrahydrofuran	9.20	8.68	1.060	ok 1.059	0.999-1.119
Toluene	12.98	10.51	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.21	10.51	1.067	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.36	14.76	1.041	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	466770	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1135344	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	738300	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.63	8.68	0.649	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.21	10.52	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.16	10.52	1.061	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.96	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.22	8.68	0.486	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.48	10.52	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.70	8.68	0.887	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.51	8.68	1.096	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.99	10.52	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.20	10.52	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.52	8.68	0.866	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.51	8.68	0.980	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.76	1.220	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.47	10.52	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.71	8.68	1.003	ok 1.004	0.944-1.064
2-Hexanone	13.21	14.76	0.895	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.57	8.68	0.757	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.09	8.68	0.932	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.76	8.68	0.894	ok 0.893	0.833-0.953
Nonane	16.09	14.76	1.090	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.52	1.207	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.34	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.22	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.20	8.68	1.060	ok 1.059	0.999-1.119
Toluene	12.98	10.52	1.234	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.52	1.065	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.83	8.68	0.672	ok 0.671	0.611-0.731
Vinyl chloride	4.43	8.68	0.510	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.37	14.76	1.041	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	543338	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1237069	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	761409	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.20	10.51	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.51	1.063	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.34	8.68	1.191	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.51	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.51	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.51	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.51	1.144	ok 1.143	1.083-1.203
m-Dichlorobenzene	17.99	14.76	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.51	1.191	ok 1.191	1.131-1.251
Ethanol	5.11	8.68	0.589	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.51	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.51	1.146	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.77	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.22	10.51	1.068	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.98	10.51	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.51	1.066	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.38	14.76	1.042	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	638106	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1575137	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	1067900	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Chloroethane	5.04	8.68	0.581	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
1,1-Dichloroethane	7.70	8.68	0.887	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
trans-1,2-Dichloroethylene	7.50	8.68	0.864	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.51	8.68	0.980	ok 0.981	0.921-1.041
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Isopropyl Alcohol	5.87	8.68	0.676	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
Tertiary Butyl Alcohol	6.48	8.68	0.747	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Trichloroethylene	11.20	10.51	1.066	ok 1.065	1.005-1.125
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	405882	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1076973	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	644742	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.21	10.52	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.52	1.062	ok 1.062	1.002-1.122
Bromoform	15.49	14.77	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.77	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.77	1.003	ok 1.003	0.943-1.063
Chloroethane	5.04	8.68	0.581	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.77	1.156	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.52	0.995	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.77	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.52	1.044	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.52	1.064	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.05	8.68	0.467	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.77	0.908	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.52	8.68	0.866	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.77	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.77	1.249	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.77	1.223	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.13	8.68	0.591	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.77	1.028	ok 1.029	0.969-1.089
Ethyl Acetate	8.72	8.68	1.005	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.77	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.52	1.089	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.77	1.411	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.77	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

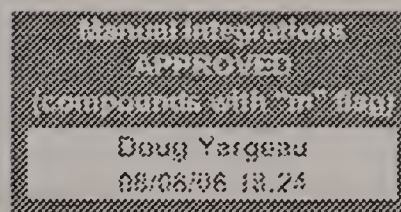
Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.77	1.119	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.88	8.68	0.677	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.77	1.089	ok 1.089	1.029-1.149
Pentane	6.19	8.68	0.713	ok 0.712	0.652-0.772
Propylene	3.98	8.68	0.459	ok 0.458	0.398-0.518
Styrene	15.76	14.77	1.067	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.77	1.074	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.71	10.52	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.77	1.378	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.77	1.206	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.77	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.48	8.68	0.747	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.77	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.99	10.52	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.21	10.52	1.066	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.83	8.68	0.672	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.84	8.68	0.903	ok 0.902	0.842-0.962
m,p-Xylene	15.39	14.77	1.042	ok 1.042	0.982-1.102
o-Xylene	15.89	14.77	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	600142	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1469509	ok 1289243	773546-1804940
Chlorobenzene-D5	14.77	ok 14.76	14.43-15.09	1043305	ok 850079	510047-1190111

Sample Raw Data

$$\frac{70 - 15}{(\text{Test})}$$

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
Data File : Q1331.D
Acq On : 8 Aug 2006 3:45 pm
Operator : PhilipB
Sample : M58258-1 (M131)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:24:52 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 19:00:12 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	390280	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1002885	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	621396m	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.385	95	99575m	3.19	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	63.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.045	85	100372	0.61	PPBV	94
3) PROPYLENE	3.990	41	33780m	1.29	PPBV	
5) CHLOROMETHANE	4.211	50	22868	0.55	PPBV	81
10) TRICHLOROFLUOROMETHANE	5.829	101	69310	0.36	PPBV	96
12) ACETONE	5.625	43	1018777	15.26	PPBV	91
13) PENTANE	6.188	42	21740	0.52	PPBV #	71
16) ETHANOL	5.119	45	787009	55.09	PPBV	95
18) METHYLENE CHLORIDE	6.580	84	96407	2.07	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.760	73	11562	0.11	PPBV #	56
25) HEXANE	8.717	57	31080	0.46	PPBV #	52
28) METHYL ETHYL KETONE	8.087	43	113747	1.34	PPBV	97
36) BENZENE	10.195	78	22836	0.27	PPBV	77
46) TOLUENE	12.983	92	91029	1.91	PPBV	99
51) TETRACHLOROETHYLENE	14.117	164	9454	0.29	PPBV #	77
55) ETHYLBENZENE	15.186	91	23002	0.27	PPBV	83
56) m,p-XYLENE	15.361	106	18260m	0.57	PPBV	
57) o-XYLENE	15.881	106	8123m	0.25	PPBV	
59) NONANE	16.082	43	10022	0.14	PPBV	88
67) 1,2,4-TRIMETHYLBENZENE	17.807	105	8207	0.28	PPBV	99

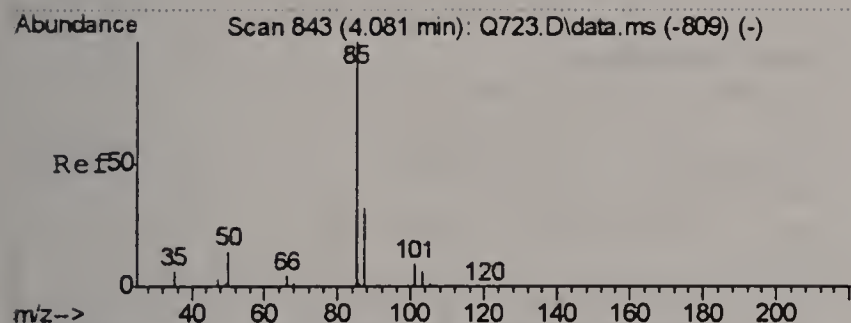
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

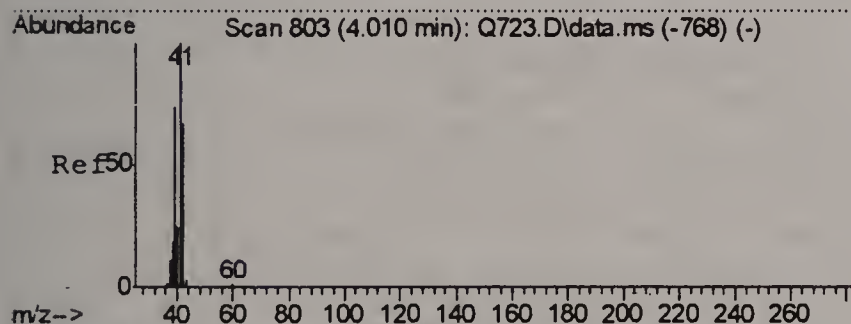
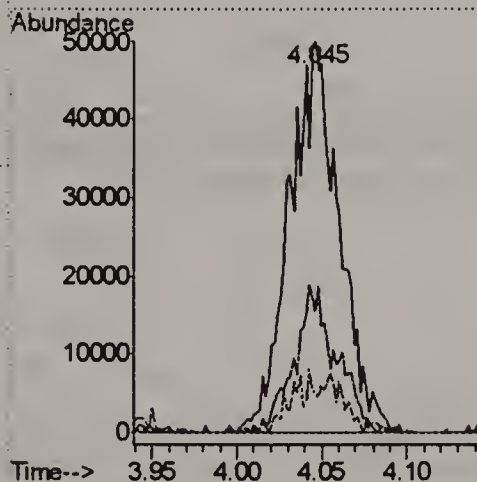
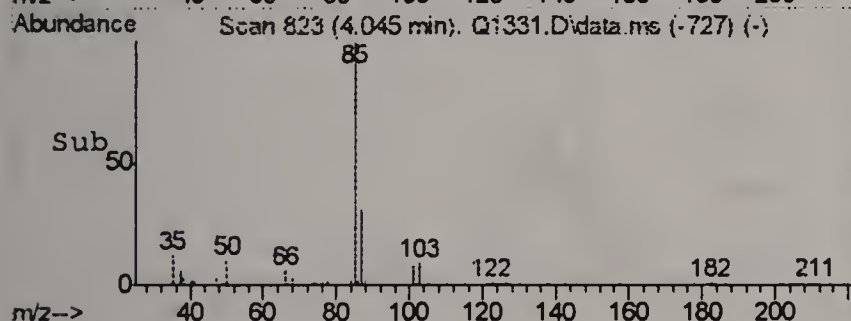
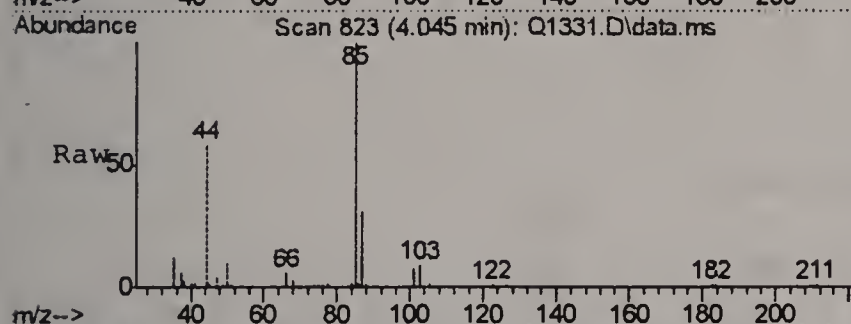
Quant Time: Aug 08 16:24:52 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration





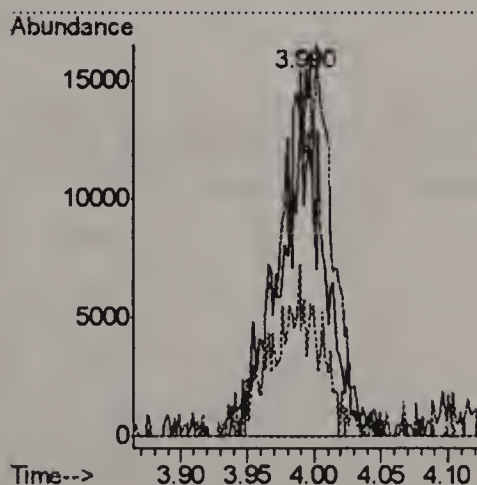
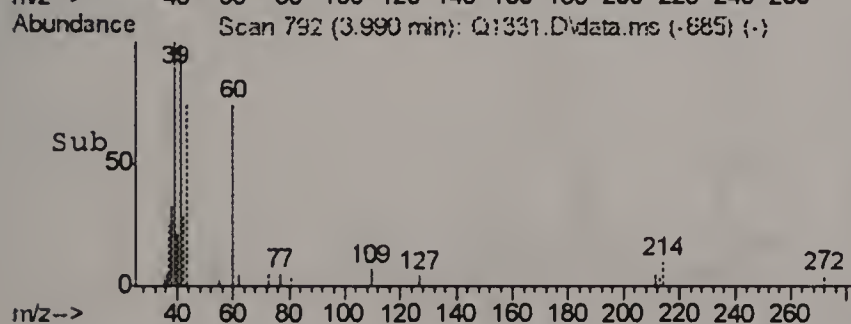
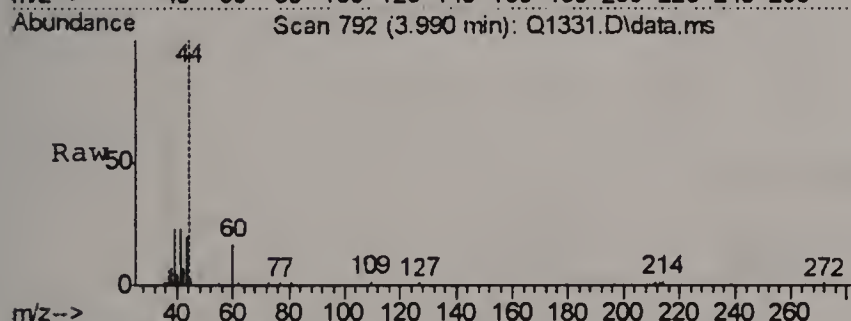
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.61 PPBV
 RT: 4.045 min Scan# 823
 Delta R.T. -0.036 min
 Lab File: Q1331.D
 Acq: 8 Aug 2006 3:45 pm

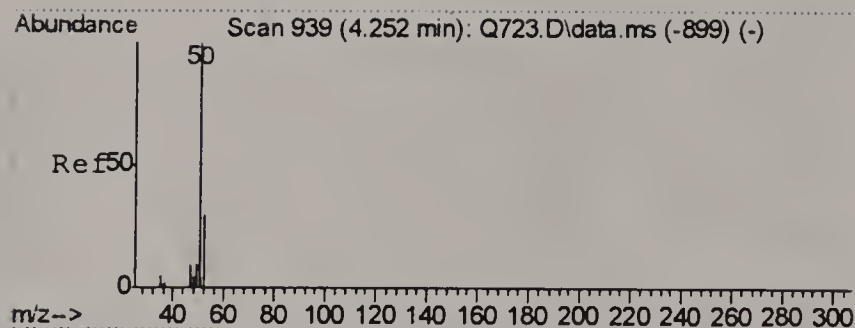
Tgt Ion: 85 Resp: 100372
 Ion Ratio Lower Upper
 85 100
 87 32.0 11.9 51.9
 50 7.7 0.0 35.5



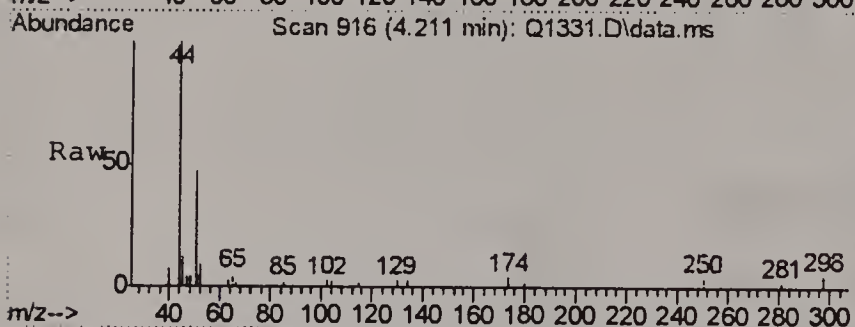
#3
 PROPYLENE
 Concen: 1.29 PPBV m
 RT: 3.990 min Scan# 792
 Delta R.T. -0.016 min
 Lab File: Q1331.D
 Acq: 8 Aug 2006 3:45 pm

Tgt Ion: 41 Resp: 33780
 Ion Ratio Lower Upper
 41 100
 39 101.0 55.3 95.3#
 42 29.4 46.8 86.8#

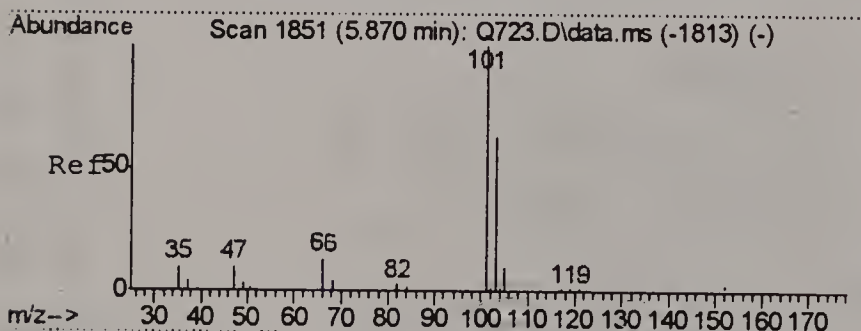
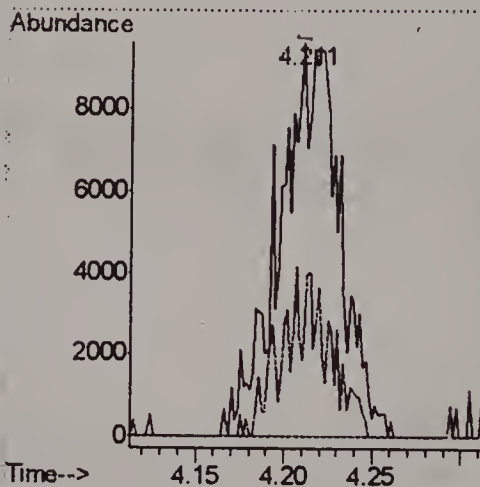
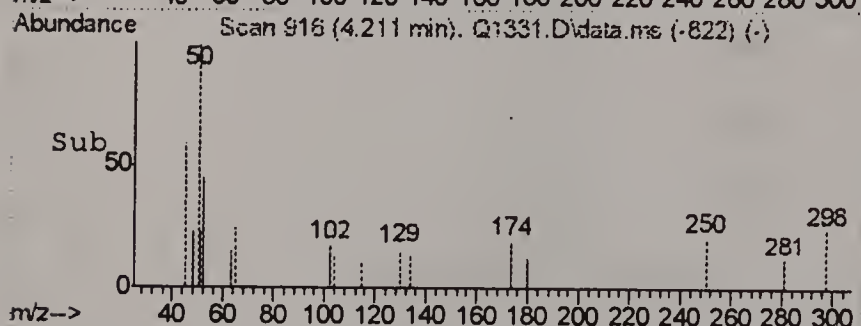




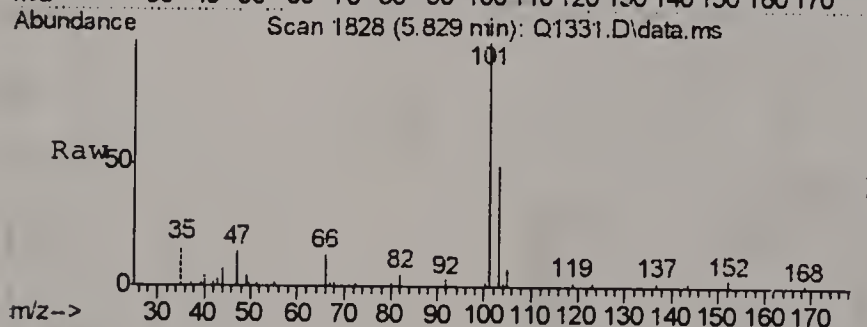
#5
CHLOROMETHANE
Concen: 0.55 PPBV
RT: 4.211 min Scan# 916
Delta R.T. -0.038 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm



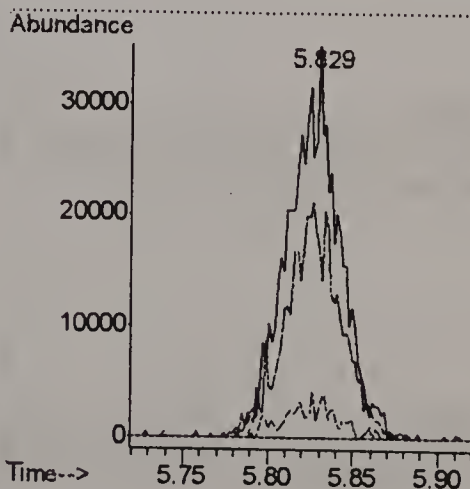
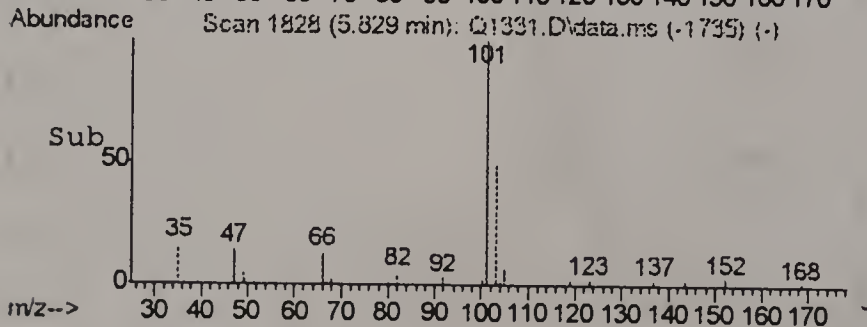
Tgt Ion: 50 Resp: 22868
Ion Ratio Lower Upper
50 100
52 19.2 9.7 49.7

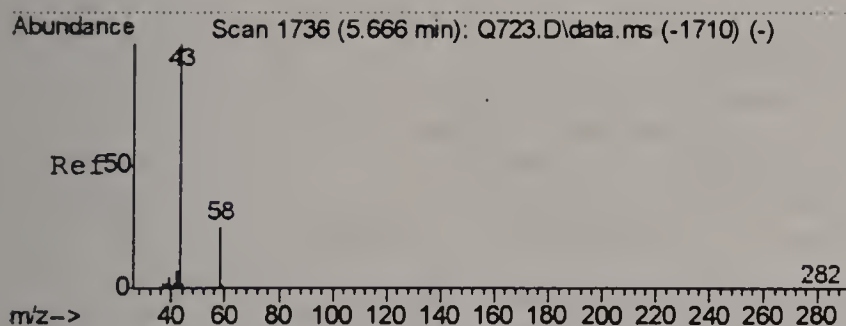


#10
TRICHLOROFLUOROMETHANE
Concen: 0.36 PPBV
RT: 5.829 min Scan# 1828
Delta R.T. -0.041 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm



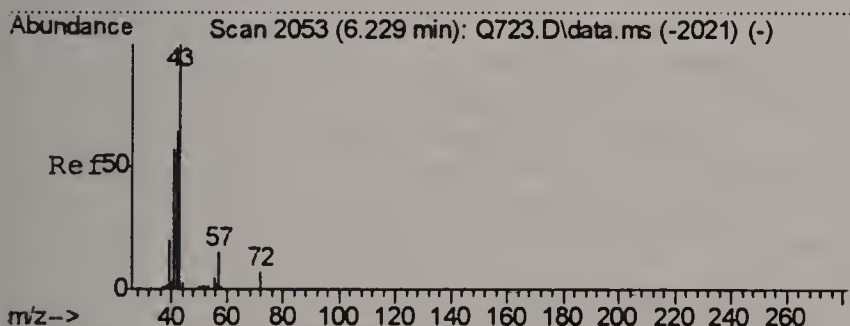
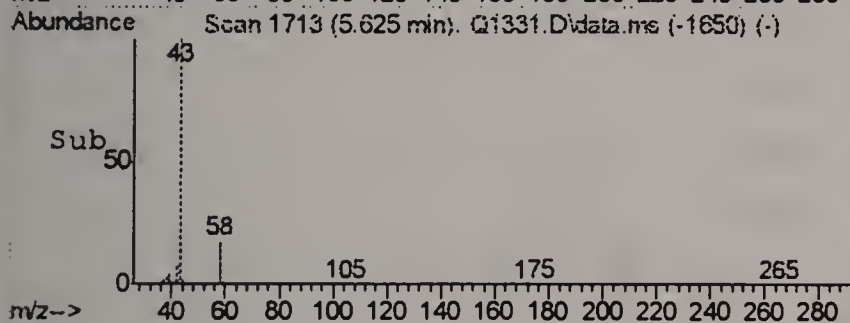
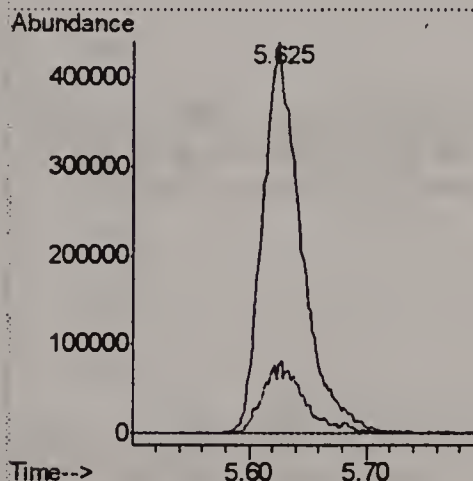
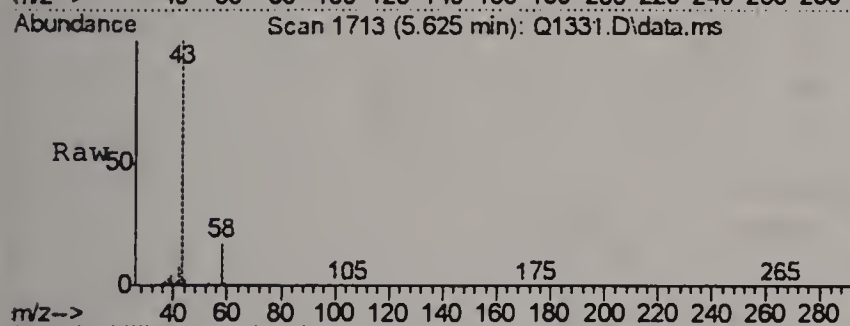
Tgt Ion: 101 Resp: 69310
Ion Ratio Lower Upper
101 100
103 65.7 44.3 84.3
105 4.1 0.0 30.4





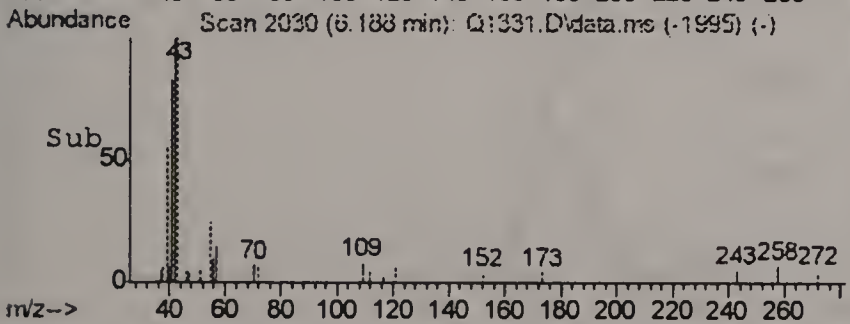
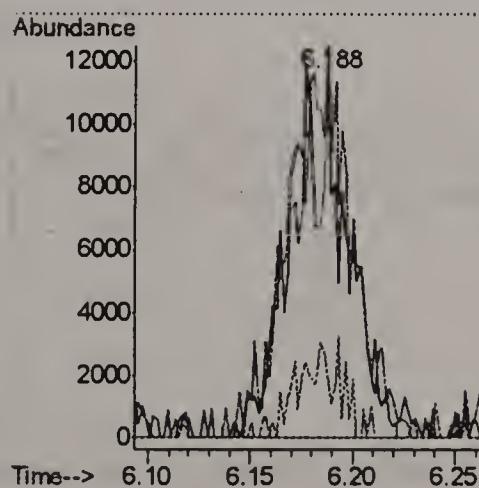
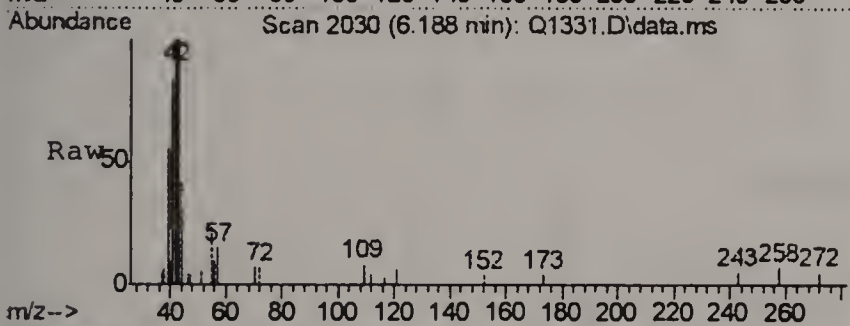
#12
ACETONE
Concen: 15.26 PPBV
RT: 5.625 min Scan# 1713
Delta R.T. -0.044 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

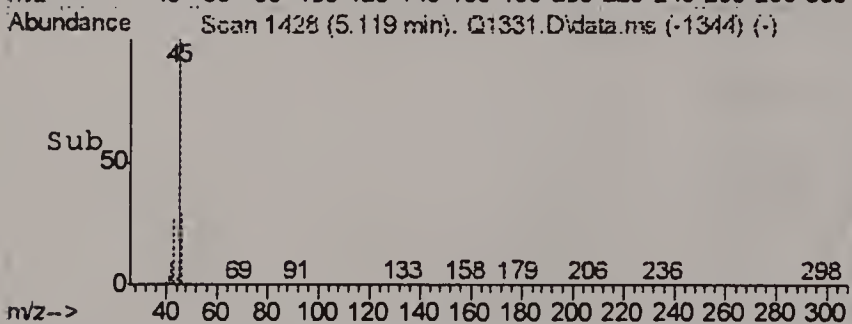
Tgt Ion: 43 Resp: 1018777
Ion Ratio Lower Upper
43 100
58 19.7 4.1 44.1



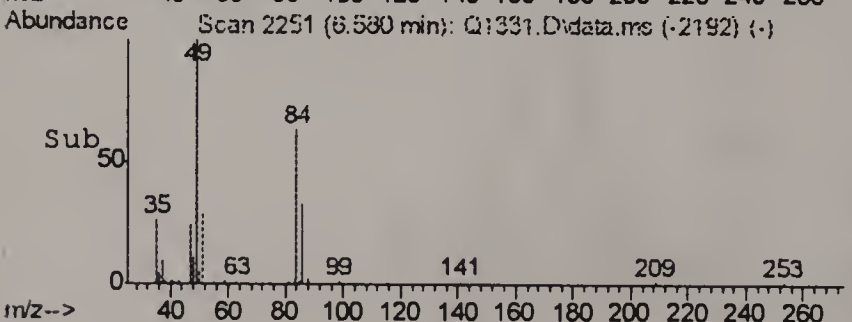
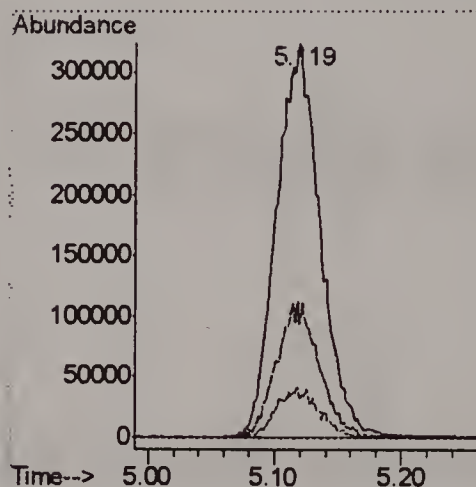
#13
PENTANE
Concen: 0.52 PPBV
RT: 6.188 min Scan# 2030
Delta R.T. -0.040 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

Tgt Ion: 42 Resp: 21740
Ion Ratio Lower Upper
42 100
41 118.4 72.2 112.2#
57 5.7 1.9 41.9

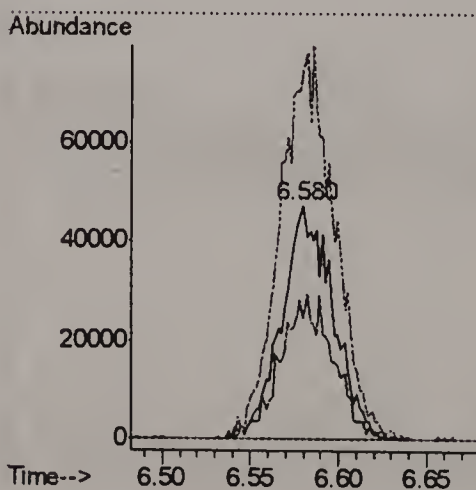


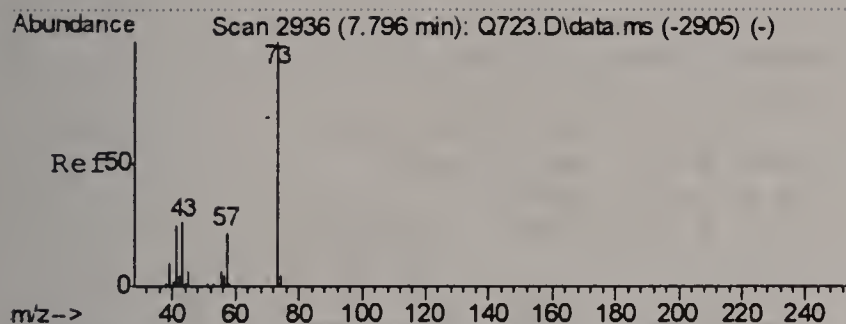


Tgt	Ion: 45	Resp:	787009
Ion	Ratio	Lower	Upper
45	100		
46	33.8	16.4	56.4
42	12.5	0.0	28.8

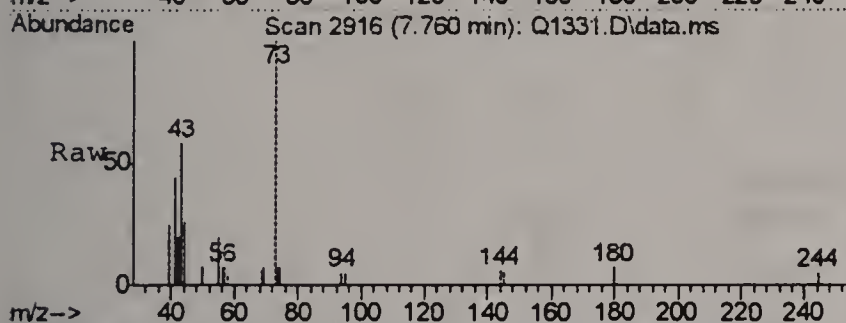


Tgt	Ion: 84	Resp:	96407
Ion	Ratio	Lower	Upper
84	100		
86	63.9	44.6	84.6
49	176.1	0.7	400.7

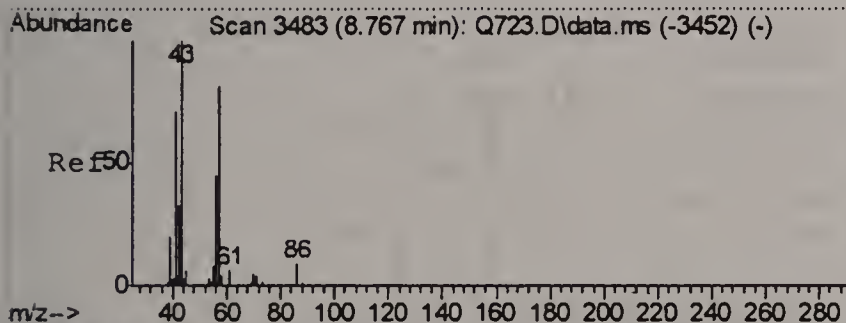
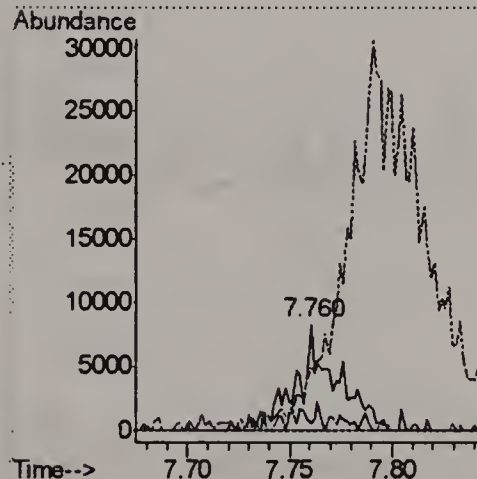
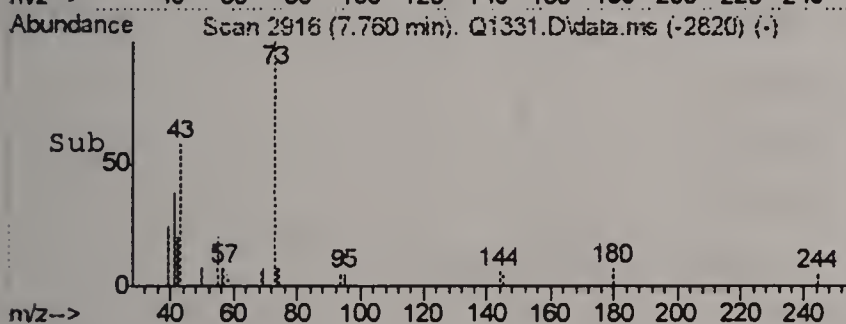




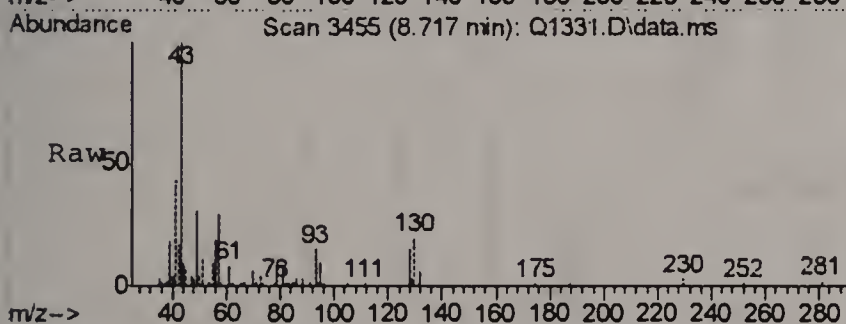
#23
METHYL TERTIARY BUTYL ETHER
Concen: 0.11 PPBV
RT: 7.760 min Scan# 2916
Delta R.T. -0.036 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm



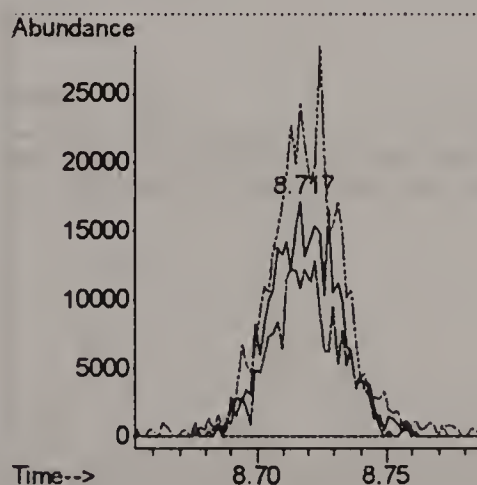
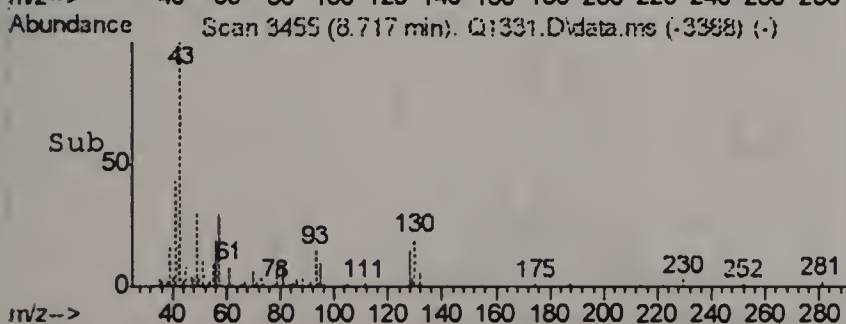
Tgt Ion: 73 Resp: 11562
Ion Ratio Lower Upper
73 100
57 8.4 4.1 44.1
43 0.0 9.0 49.0#

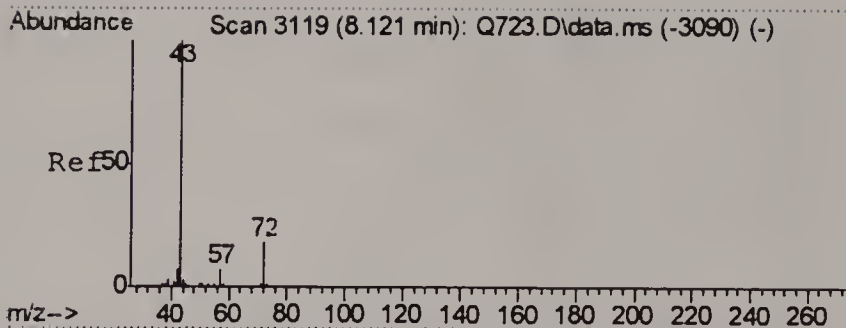


#25
HEXANE
Concen: 0.46 PPBV
RT: 8.717 min Scan# 3455
Delta R.T. -0.051 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm



Tgt Ion: 57 Resp: 31080
Ion Ratio Lower Upper
57 100
56 75.2 35.6 75.6
41 148.7 71.4 111.4#





#28

METHYL ETHYL KETONE

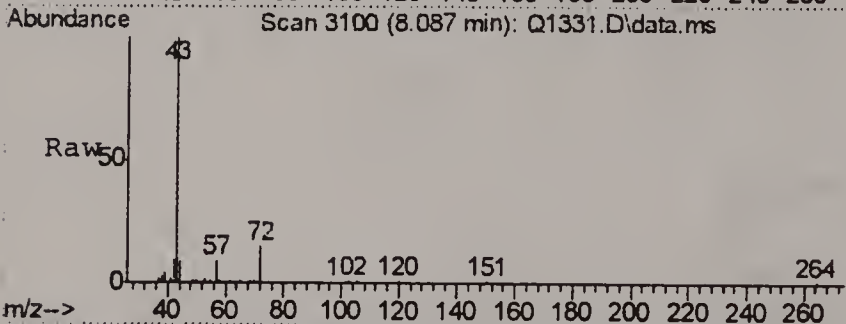
Concen: 1.34 PPBV

RT: 8.087 min Scan# 3100

Delta R.T. -0.032 min

Lab File: Q1331.D

Acq: 8 Aug 2006 3:45 pm



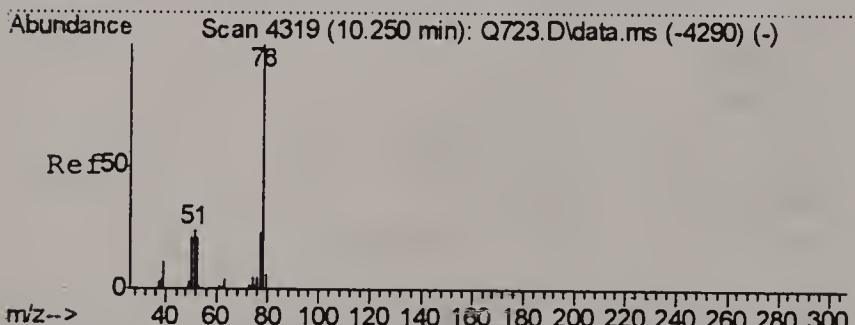
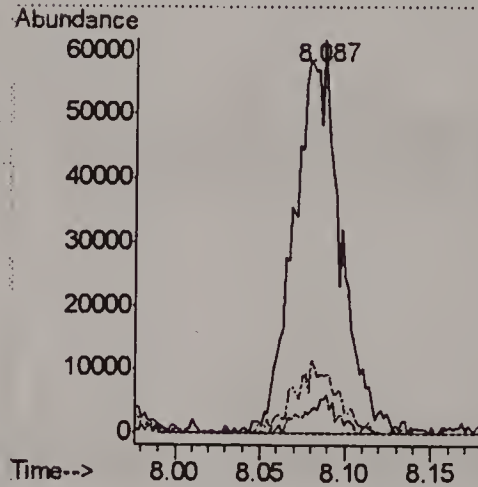
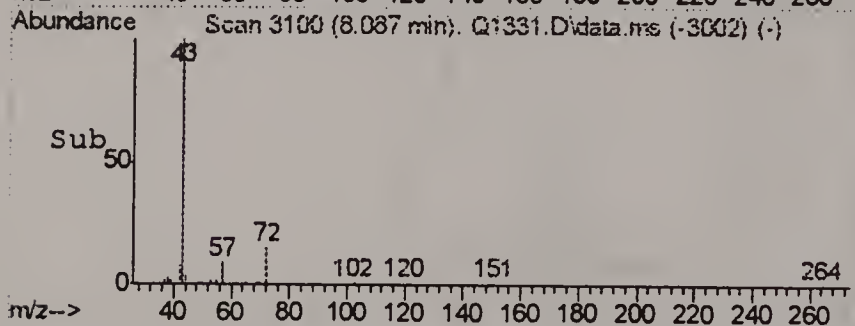
Tgt Ion: 43 Resp: 113747

Ion Ratio Lower Upper

43 100

57 8.7 0.0 26.7

72 15.0 0.0 36.0



#36

BENZENE

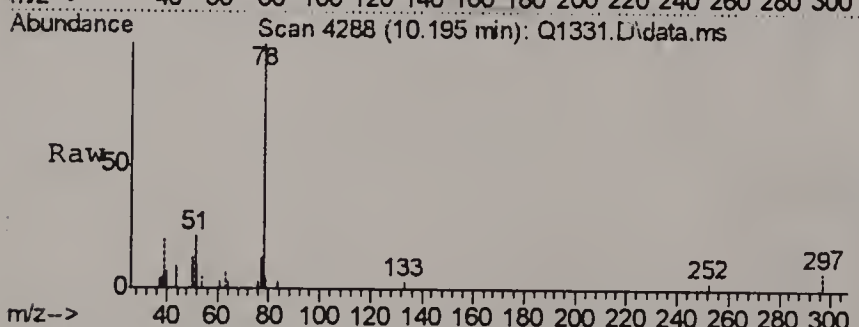
Concen: 0.27 PPBV

RT: 10.195 min Scan# 4288

Delta R.T. -0.059 min

Lab File: Q1331.D

Acq: 8 Aug 2006 3:45 pm



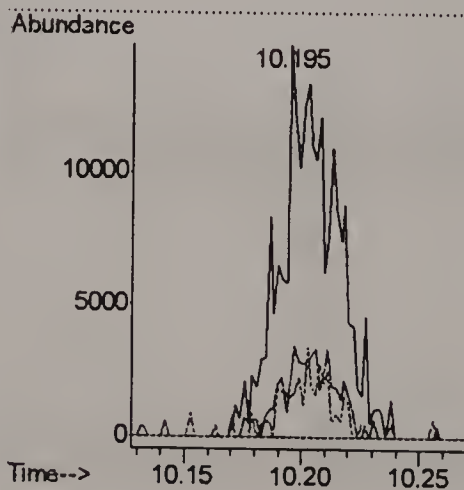
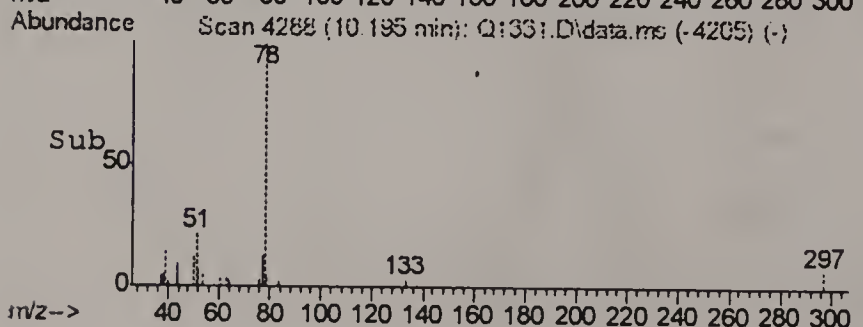
Tgt Ion: 78 Resp: 22836

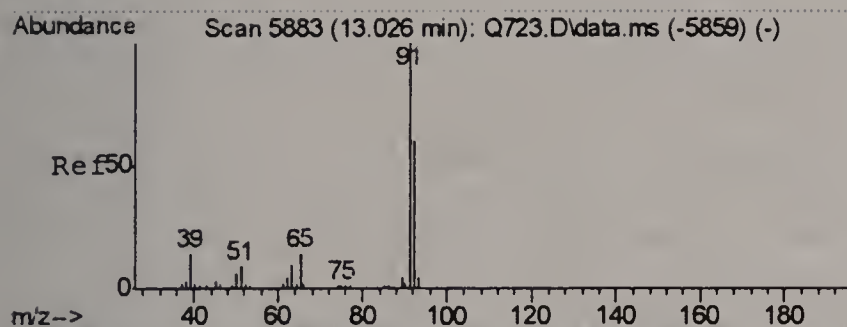
Ion Ratio Lower Upper

78 100

77 15.8 3.4 43.4

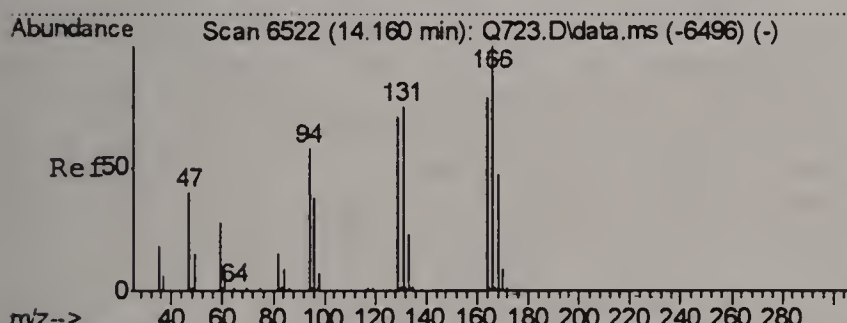
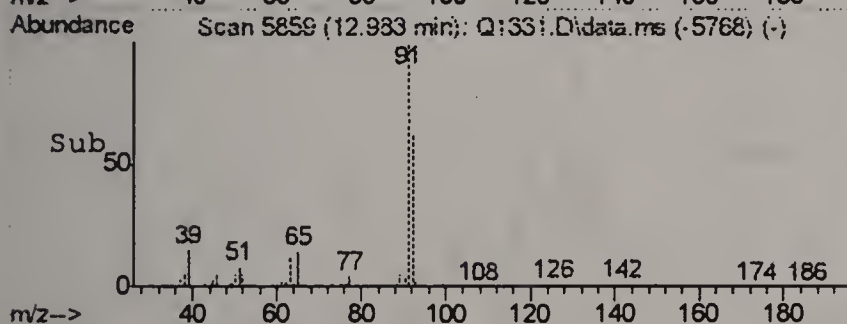
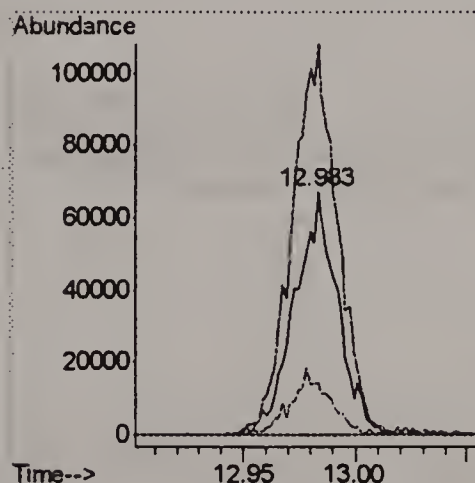
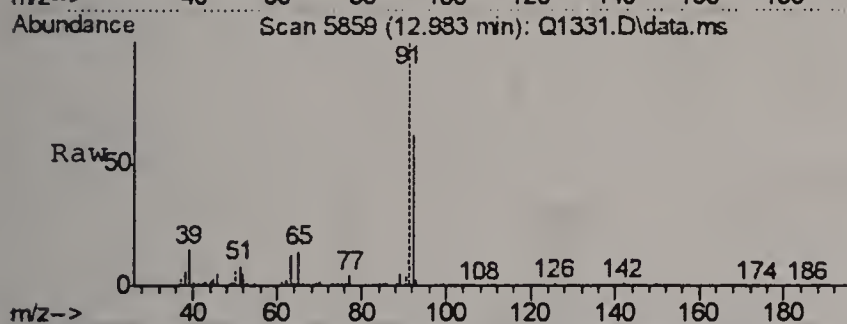
52 6.8 2.0 42.0





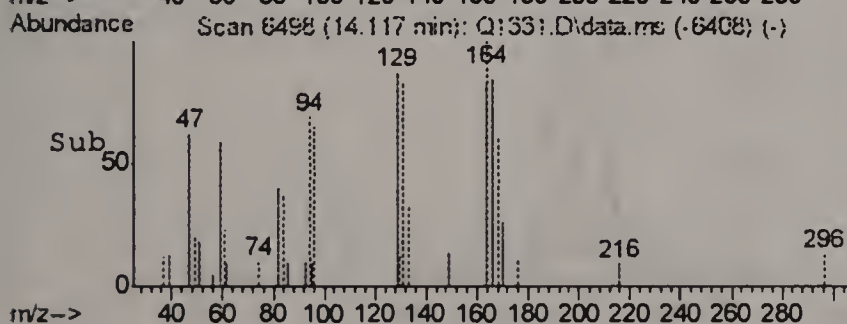
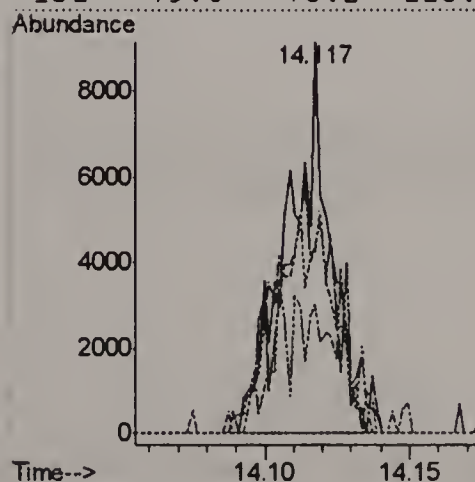
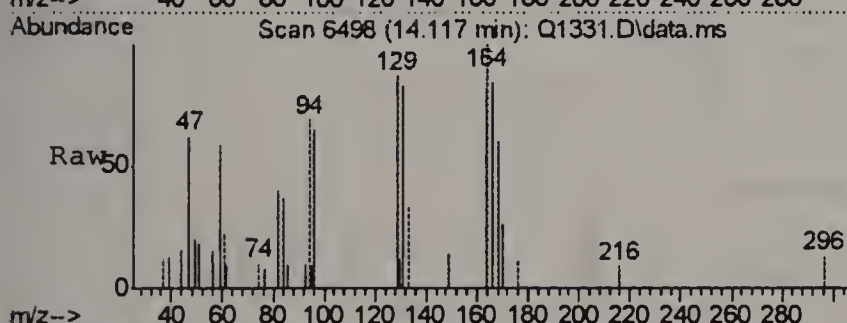
#46
TOLUENE
Concen: 1.91 PPBV
RT: 12.983 min Scan# 5859
Delta R.T. -0.045 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

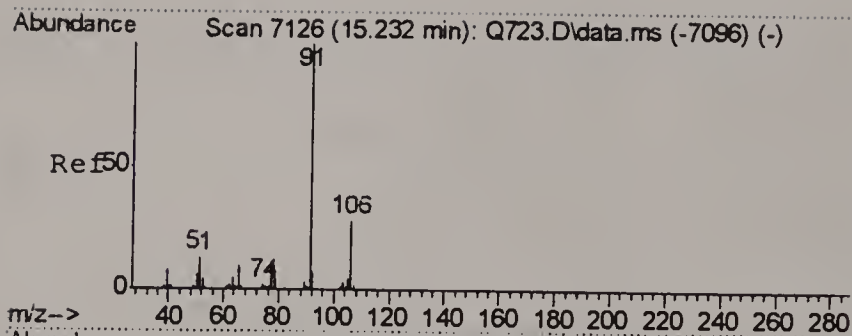
Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.3	149.4	189.4
65	24.6	3.6	43.6



#51
TETRACHLOROETHYLENE
Concen: 0.29 PPBV
RT: 14.117 min Scan# 6498
Delta R.T. -0.046 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

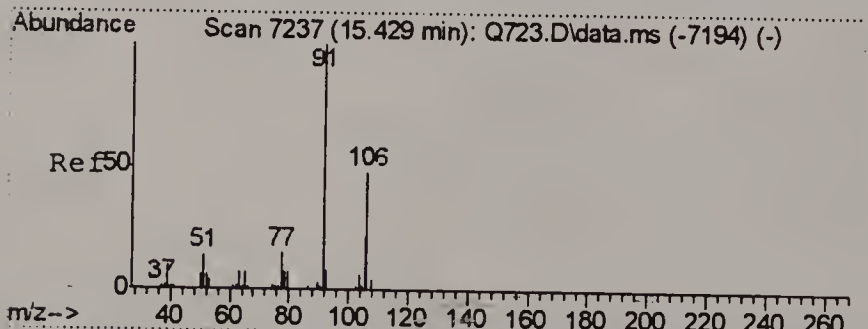
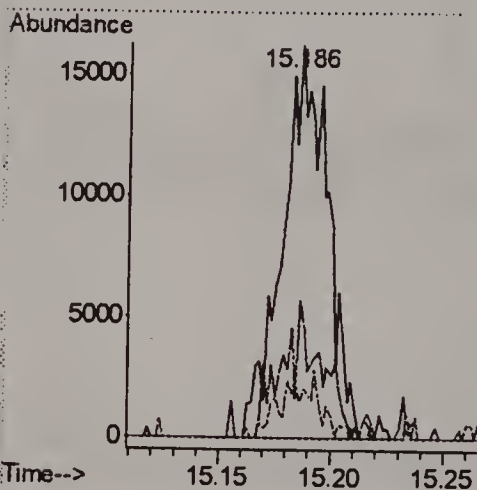
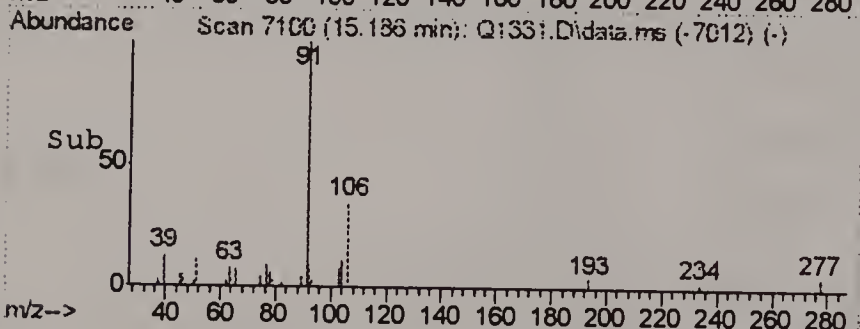
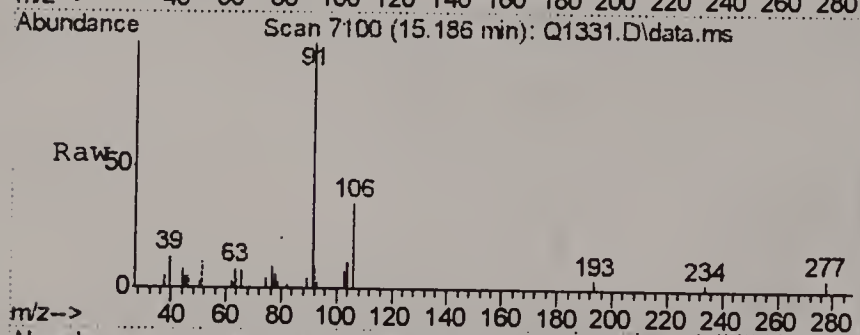
Tgt Ion	Ratio	Lower	Upper
164	100		
129	83.0	75.5	115.5
168	24.6	42.7	82.7#
131	79.0	75.2	115.2





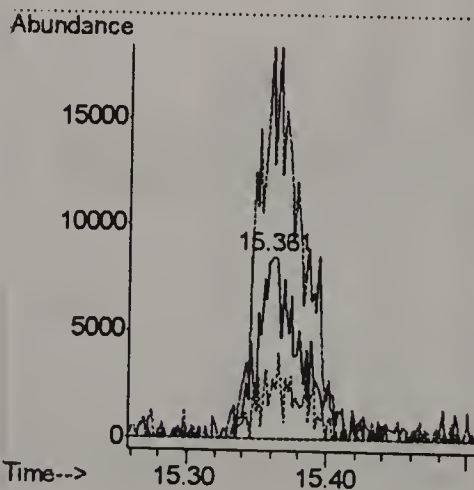
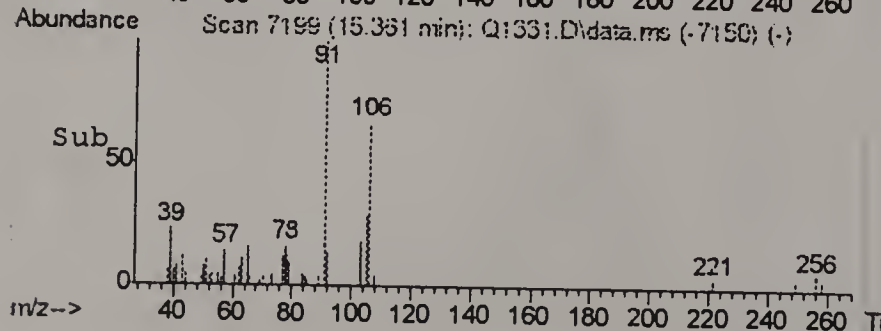
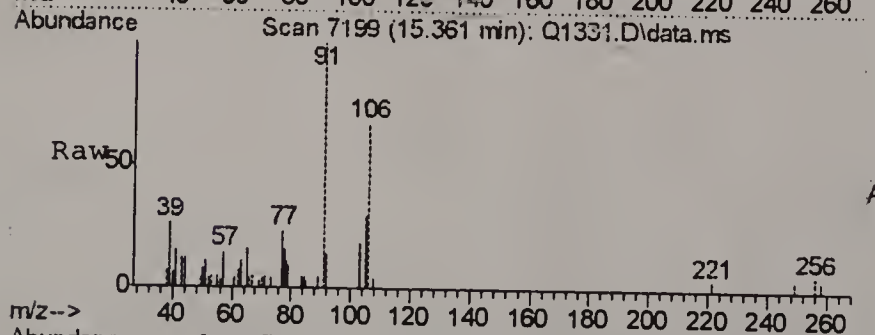
#55
ETHYLBENZENE
Concen: 0.27 PPBV
RT: 15.186 min Scan# 7100
Delta R.T. -0.050 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

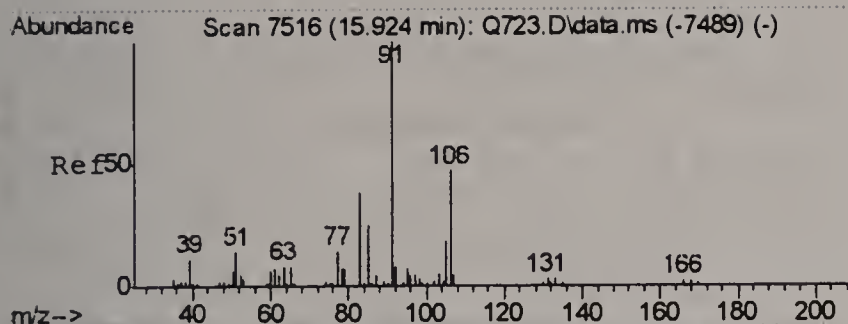
Tgt Ion	Ratio	Lower	Upper
91	100		
106	17.8	7.4	47.4
77	13.9	0.0	29.5



#56
m,p-XYLENE
Concen: 0.57 PPBV m
RT: 15.361 min Scan# 7199
Delta R.T. -0.068 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

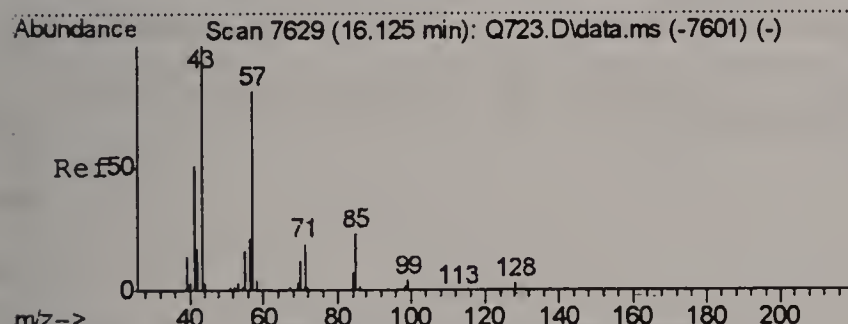
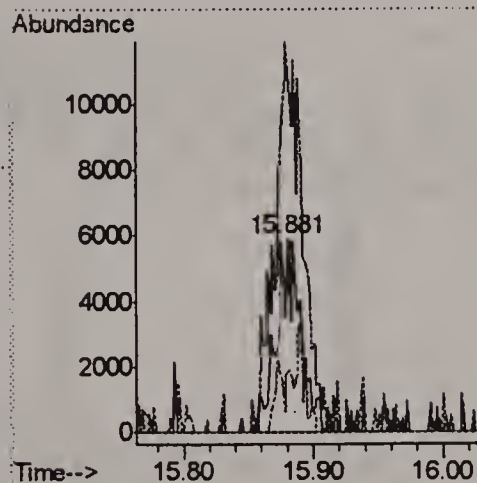
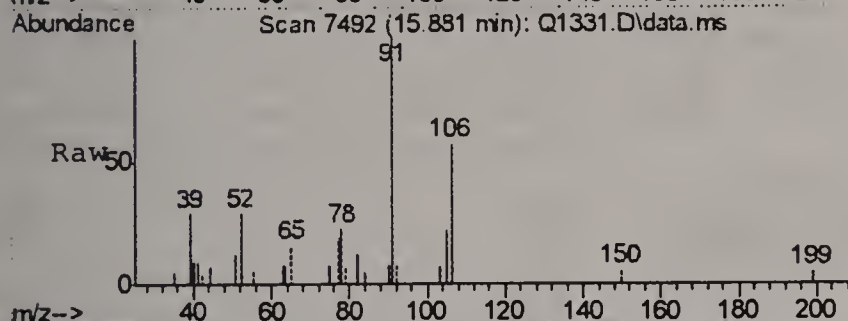
Tgt Ion	Ratio	Lower	Upper
106	100		
91	150.1	182.7	274.1#
77	33.8	25.4	38.2





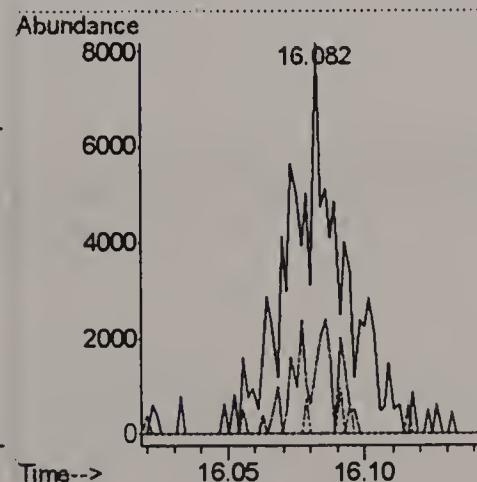
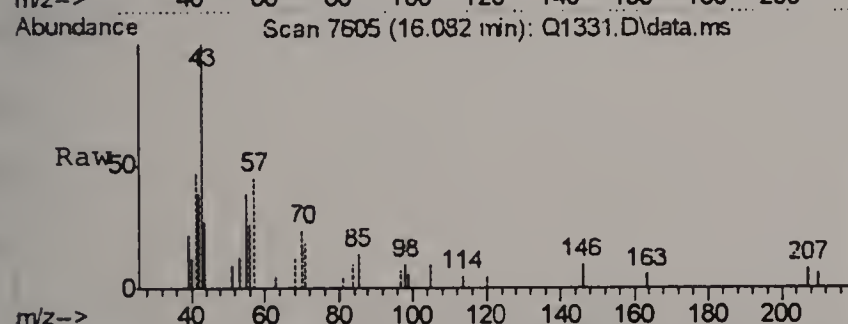
#57
o-XYLENE
Concen: 0.25 PPBV m
RT: 15.881 min Scan# 7492
Delta R.T. -0.048 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

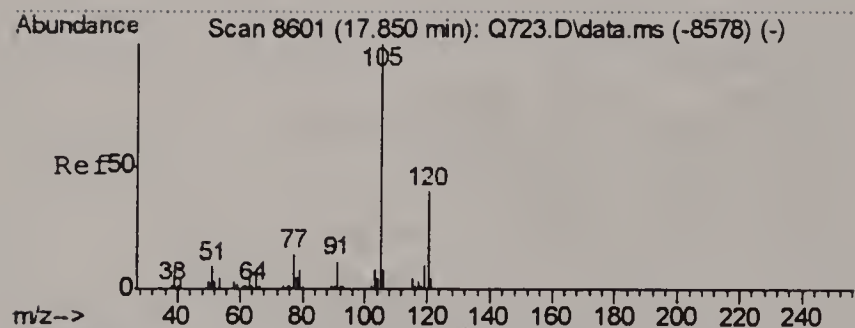
Tgt Ion	Ratio	Lower	Upper
106	100		
91	220.9	218.9	258.9
77	19.5	12.8	52.8



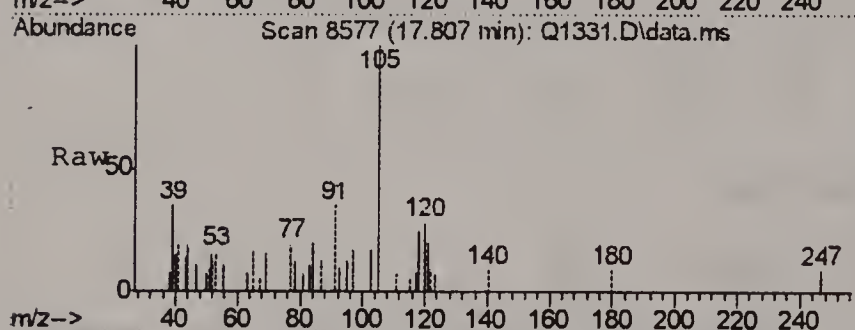
#59
NONANE
Concen: 0.14 PPBV
RT: 16.082 min Scan# 7605
Delta R.T. -0.044 min
Lab File: Q1331.D
Acq: 8 Aug 2006 3:45 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
71	22.2	0.0	36.4
128	0.8	0.0	22.4

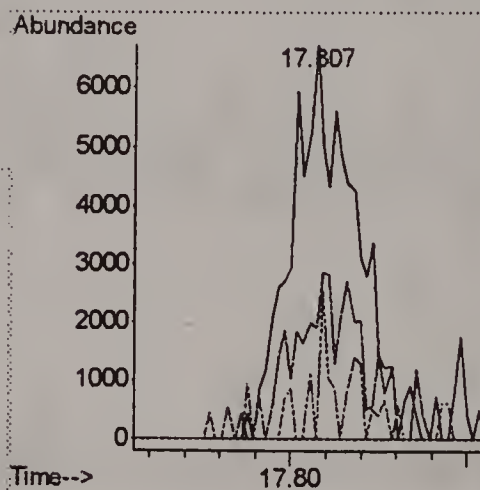
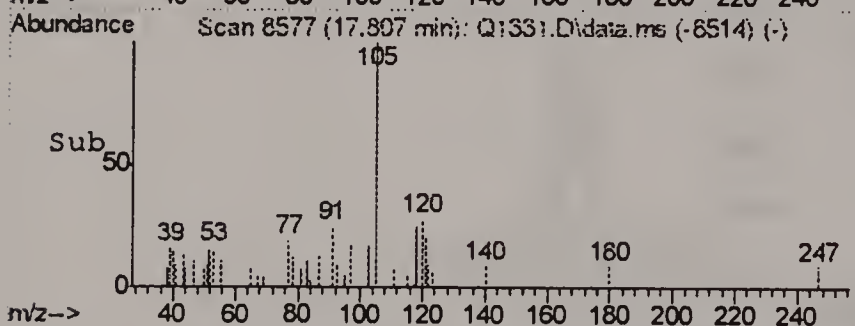




#67
 1,2,4-TRIMETHYLBENZENE
 Concen: 0.28 PPBV
 RT: 17.807 min Scan# 8577
 Delta R.T. -0.044 min
 Lab File: Q1331.D
 Acq: 8 Aug 2006 3:45 pm



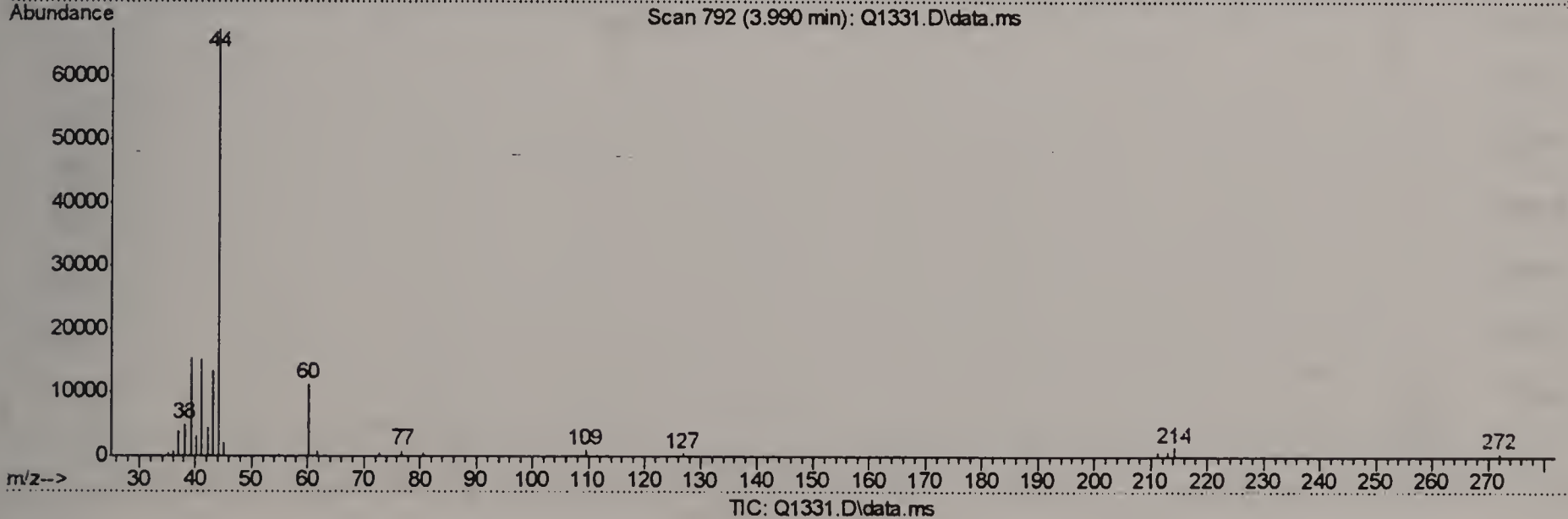
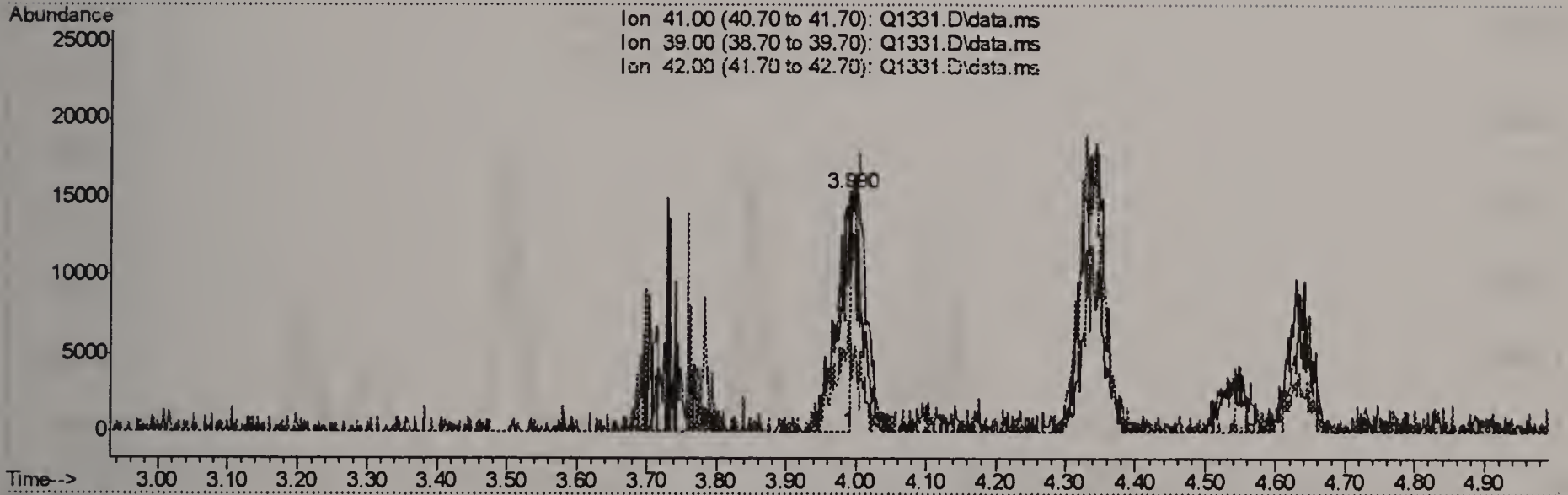
Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.7	62.7
119	10.3	0.0	30.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.990min (-0.016) 0.72PPBV

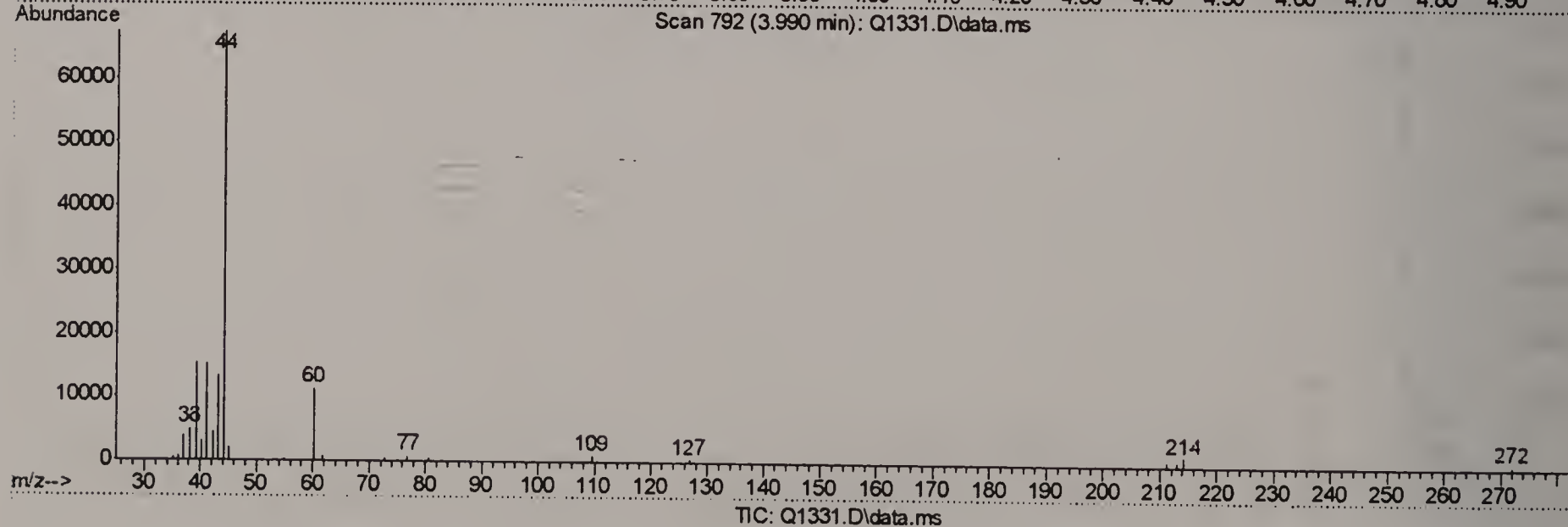
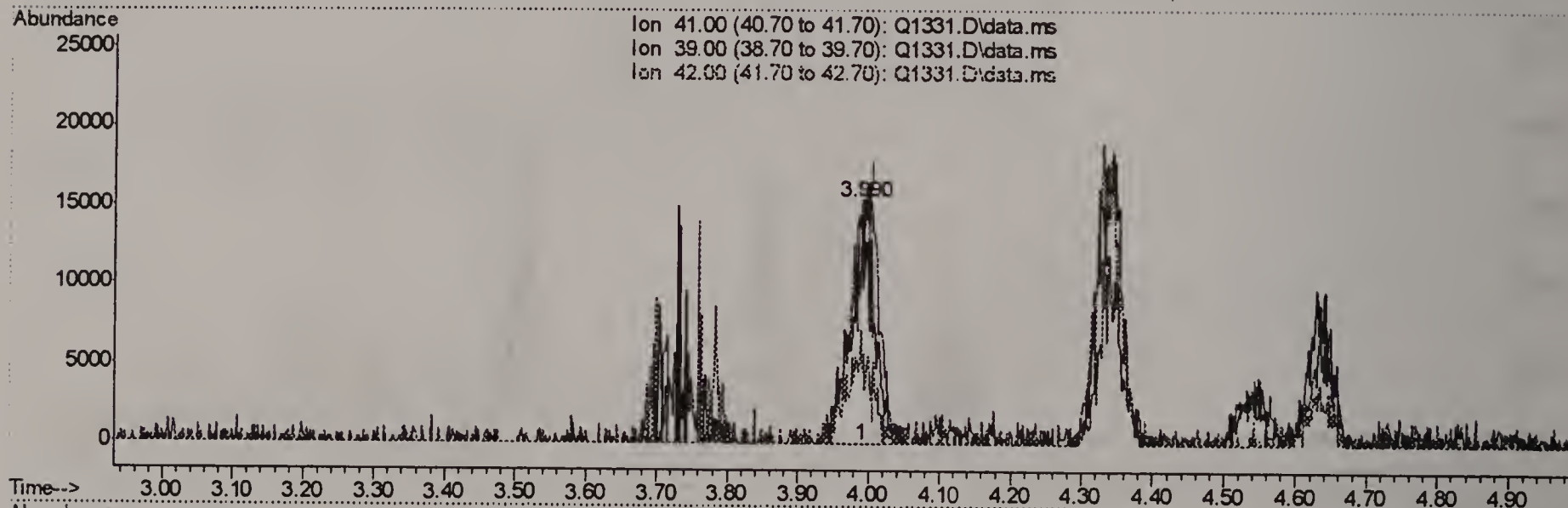
response 18760

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	101.04#
42.00	66.80	29.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.990min (-0.016) 1.29PPBV m

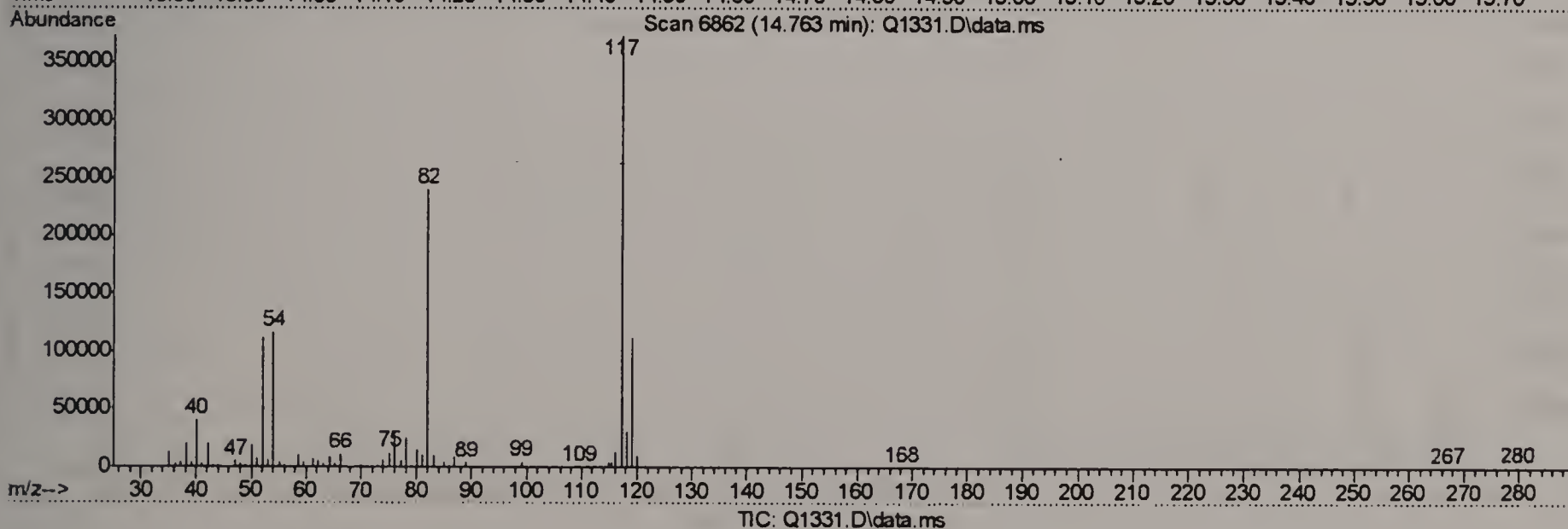
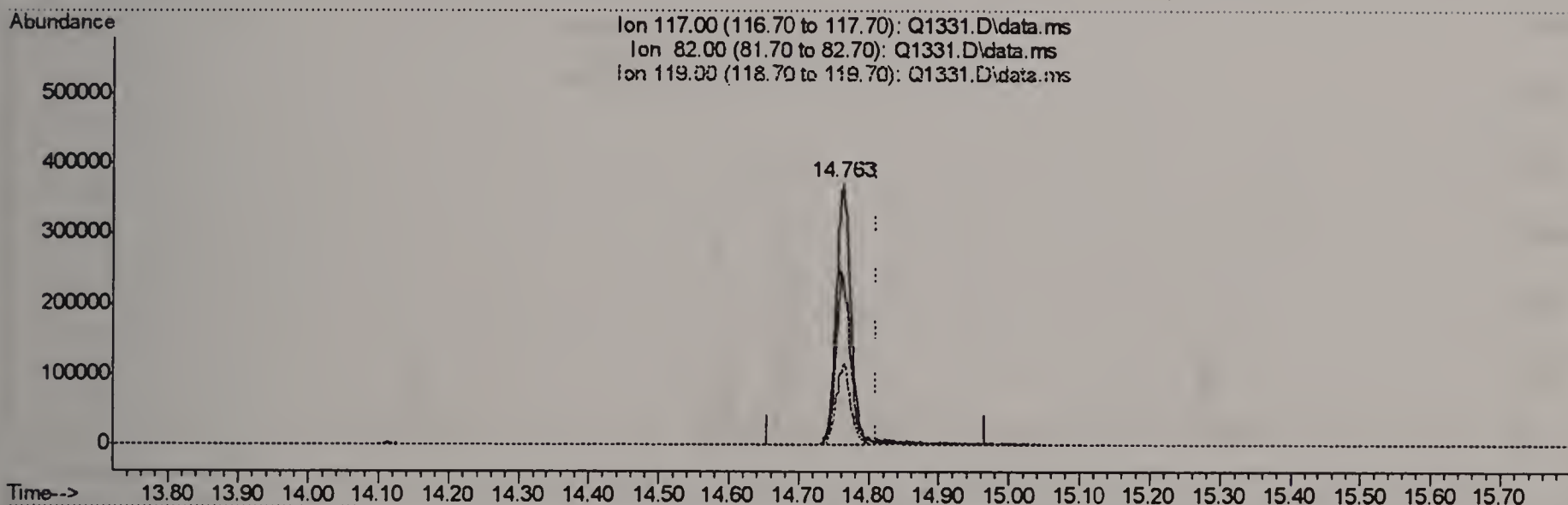
response 33780

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	101.04#
42.00	66.80	29.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.763min (-0.048) 10.00PPBV

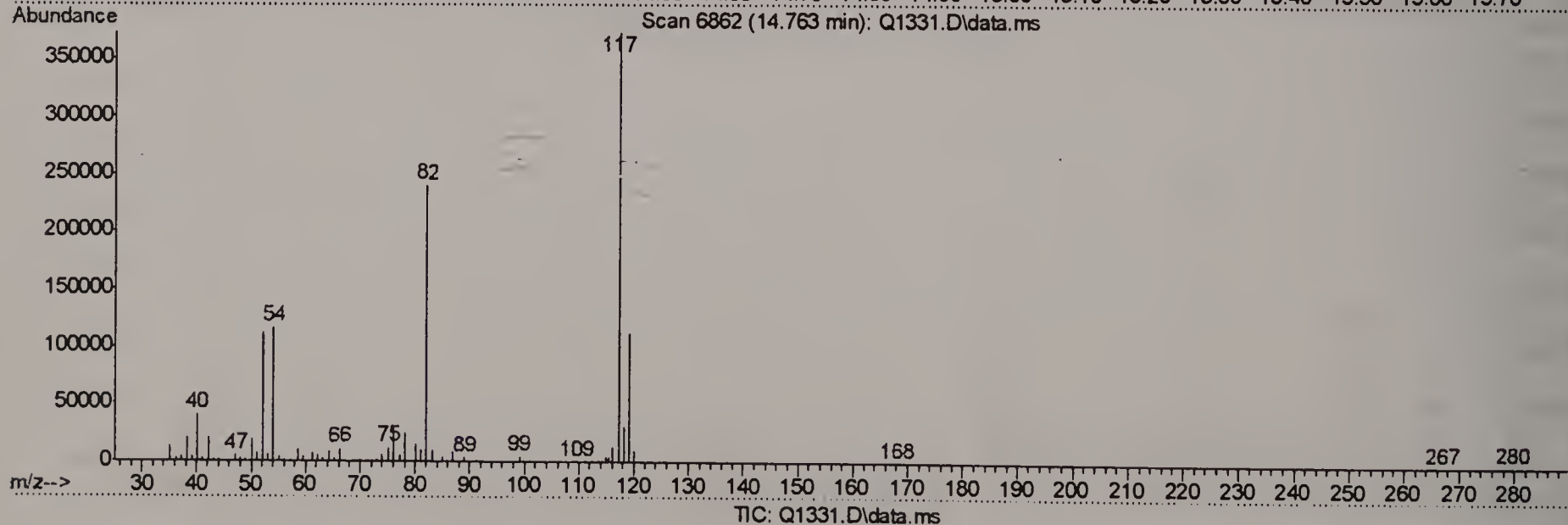
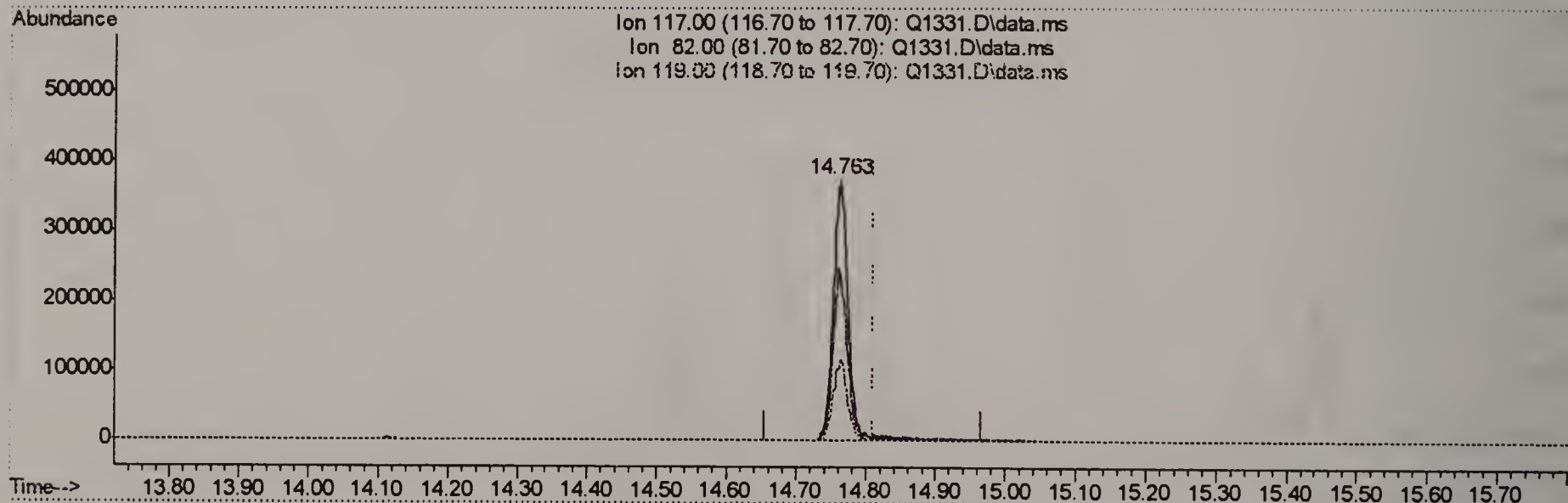
response 567100

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	65.02
119.00	31.70	31.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.763min (-0.048) 10.00PPBV m

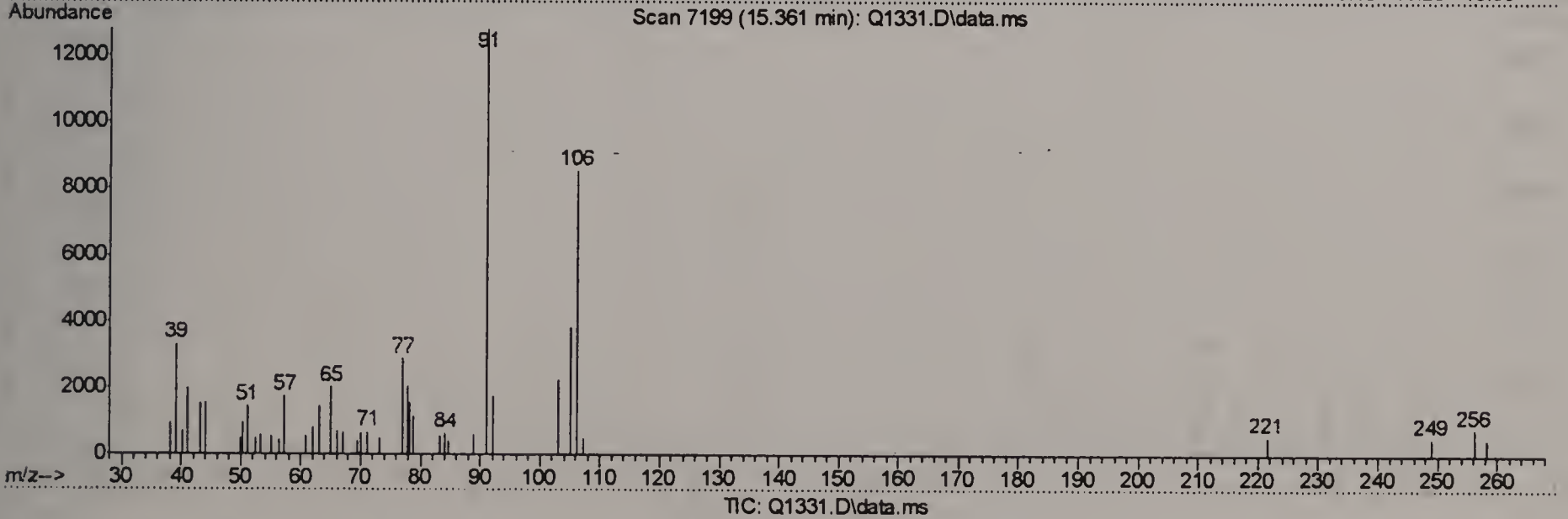
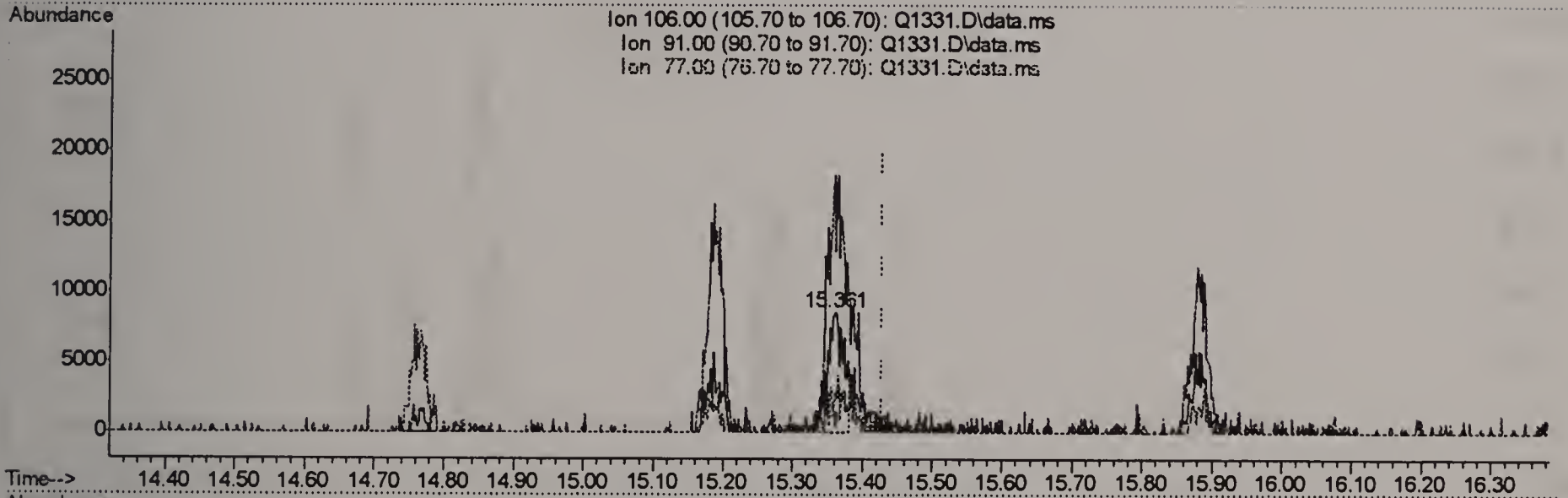
response 621396

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	59.34
119.00	31.70	28.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.361min (-0.068) 0.44PPBV

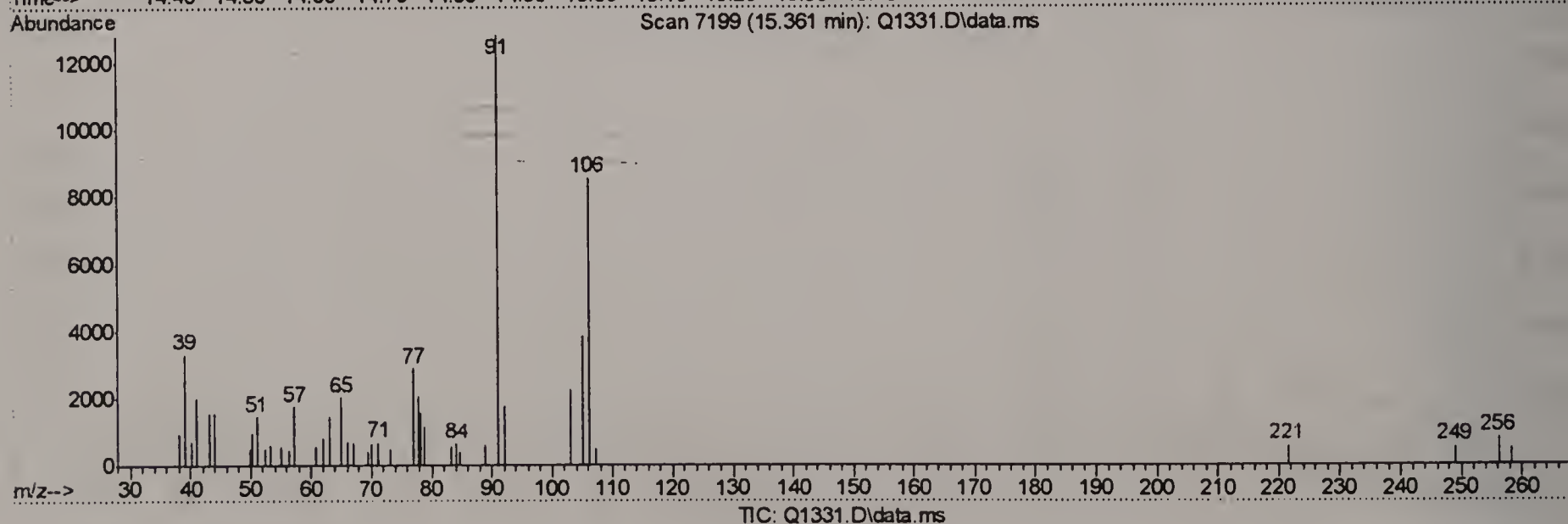
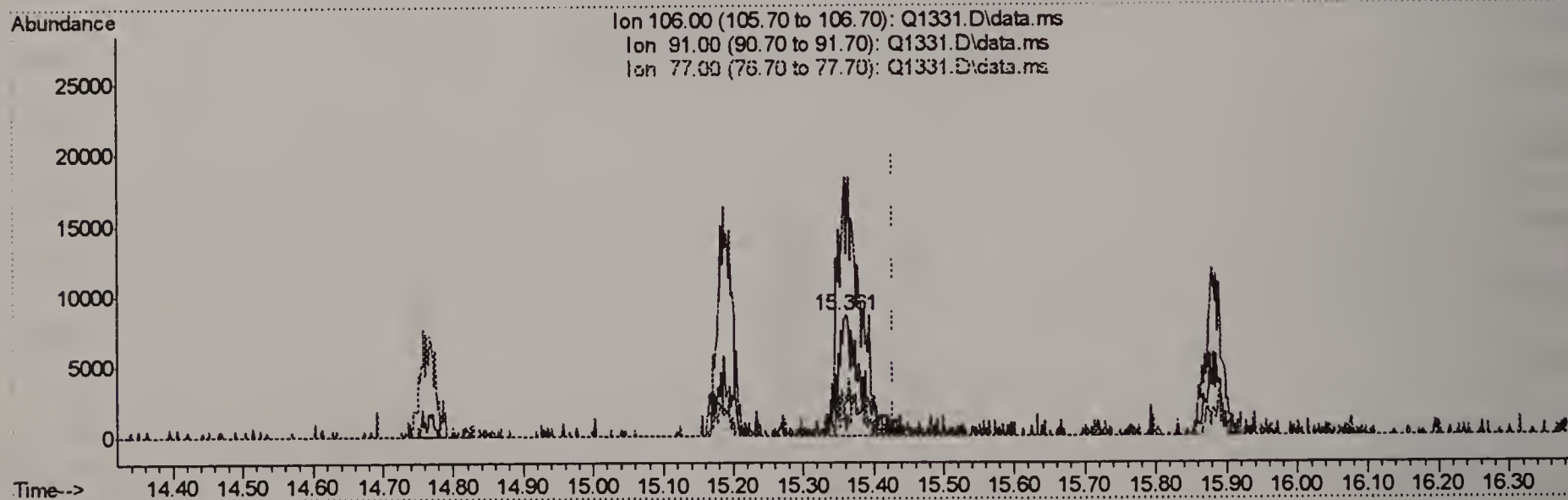
response 14121

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	150.07#
77.00	31.80	33.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.361min (-0.068) 0.57PPBV m

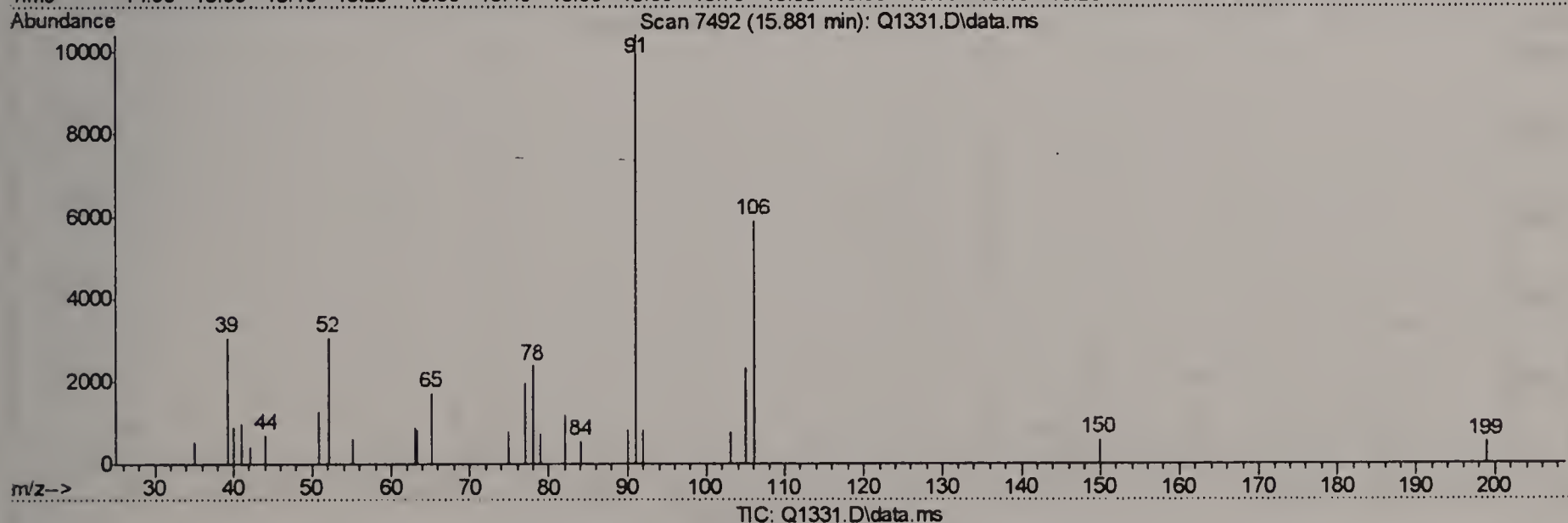
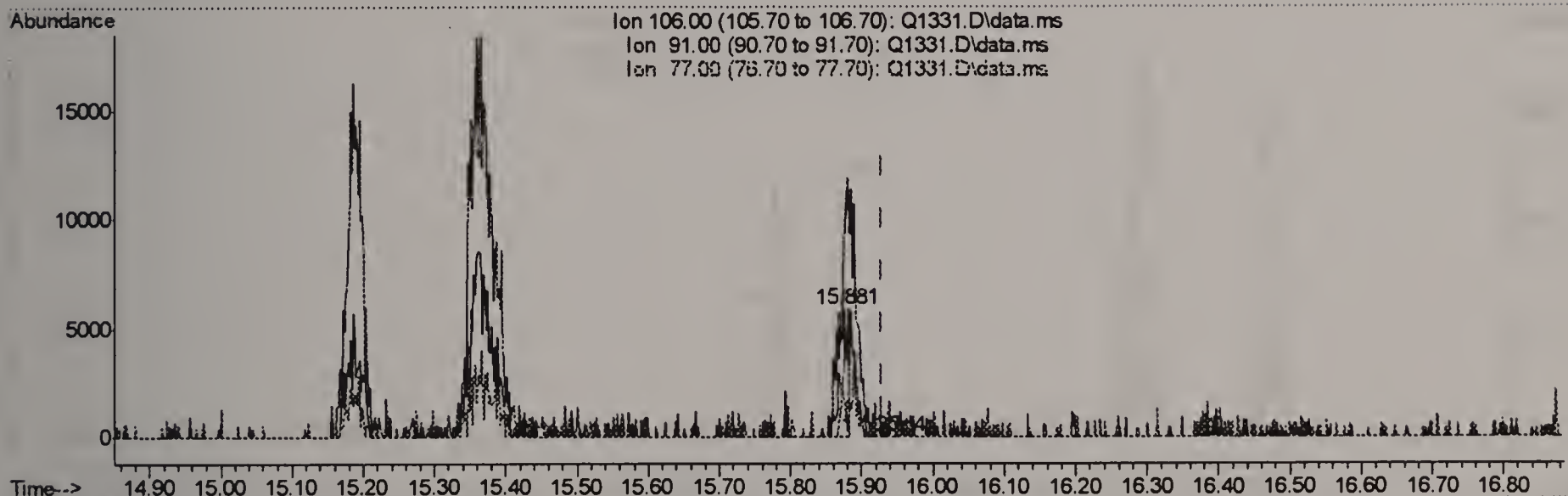
response 18260

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	150.07#
77.00	31.80	33.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(57) o-XYLENE (m)

15.881min (-0.048) 0.14PPBV

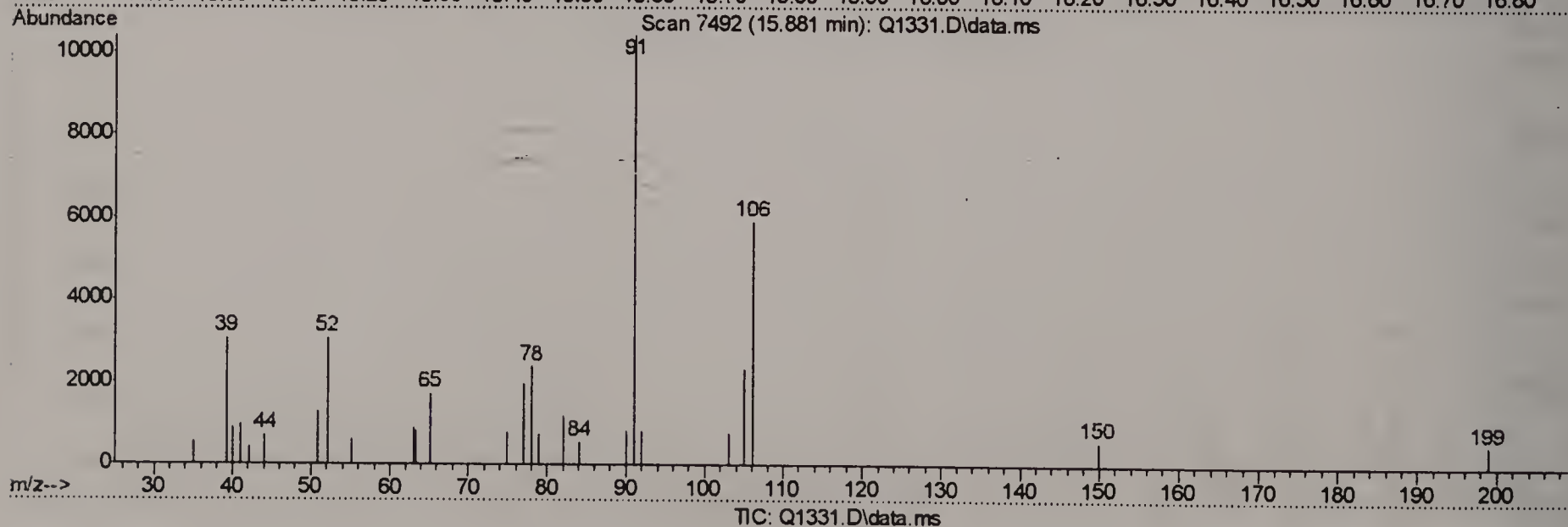
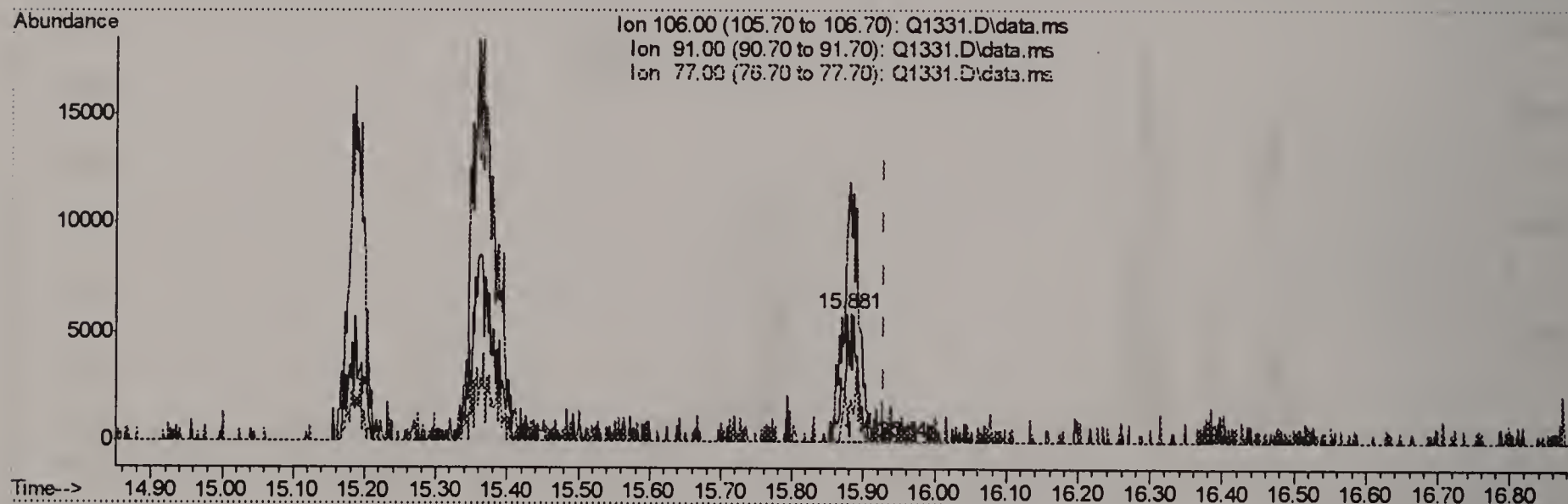
response 4414

Ion	Exp%	Act%
106.00	100	100
91.00	238.90	406.50#
77.00	32.80	35.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(57) o-XYLENE (m)

15.881min (-0.048) 0.25PPBV m

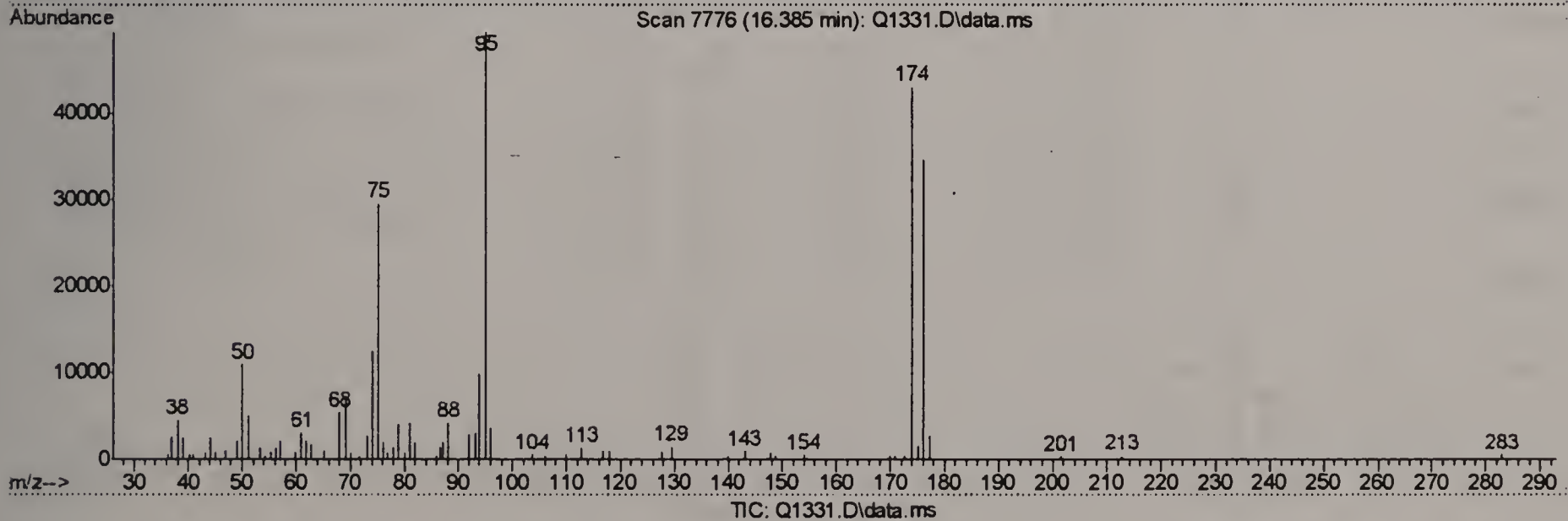
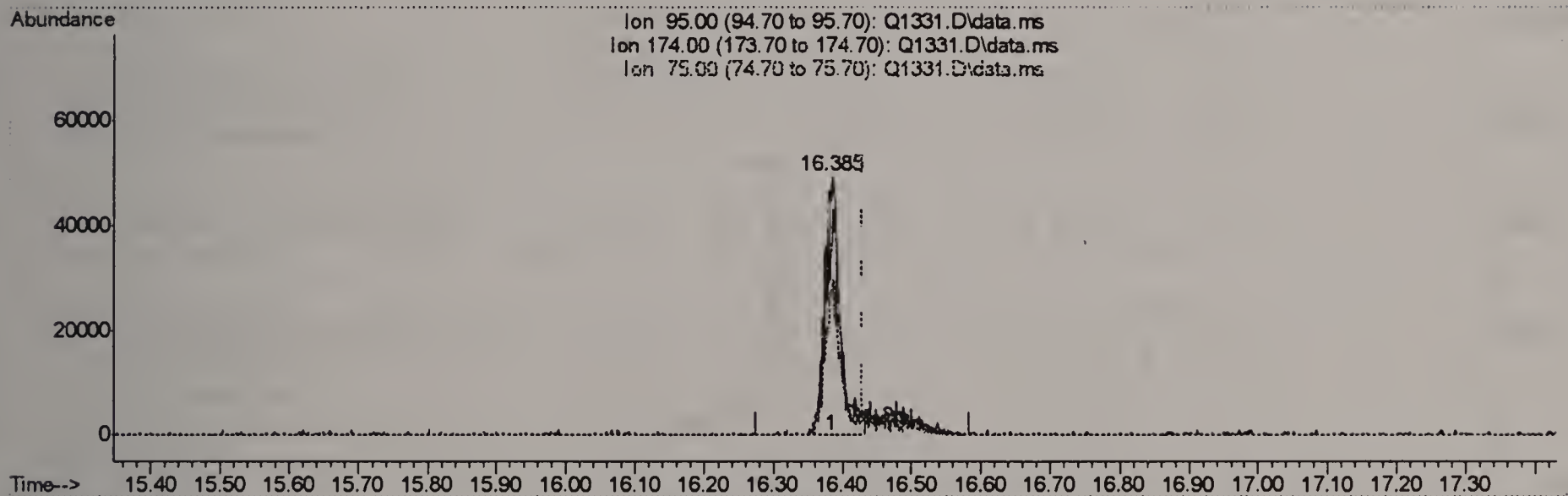
response 8123

Ion	Exp%	Act%
106.00	100	100
91.00	238.90	220.89
77.00	32.80	19.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.385min (-0.045) 2.57PPBV

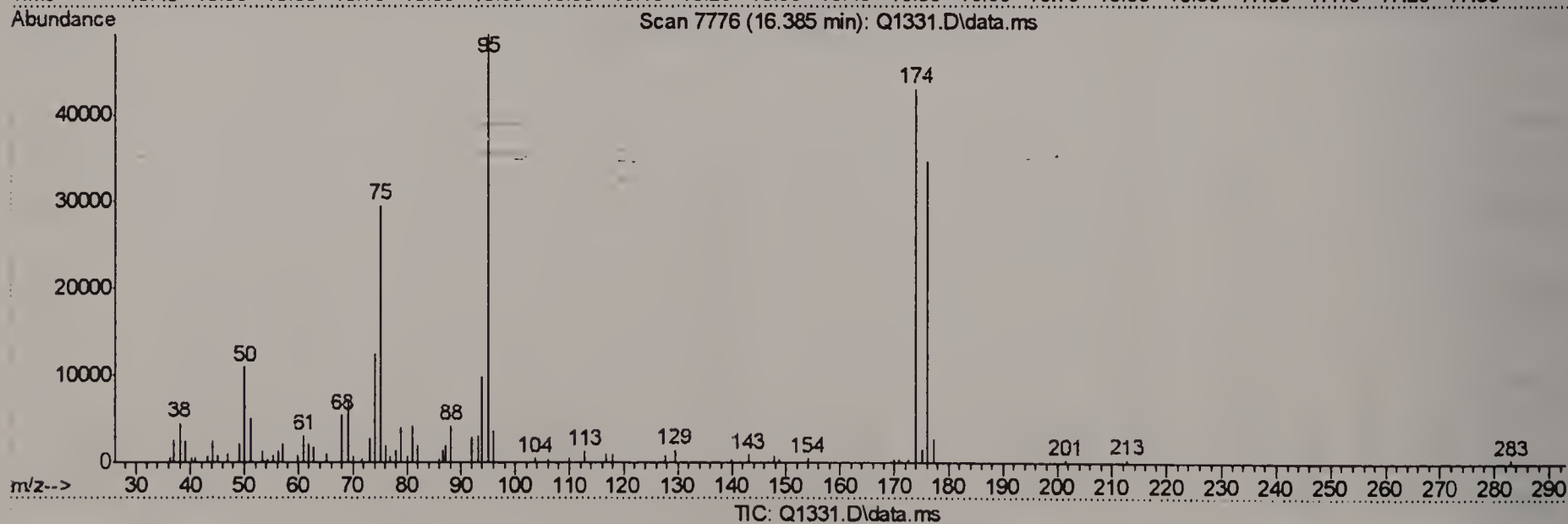
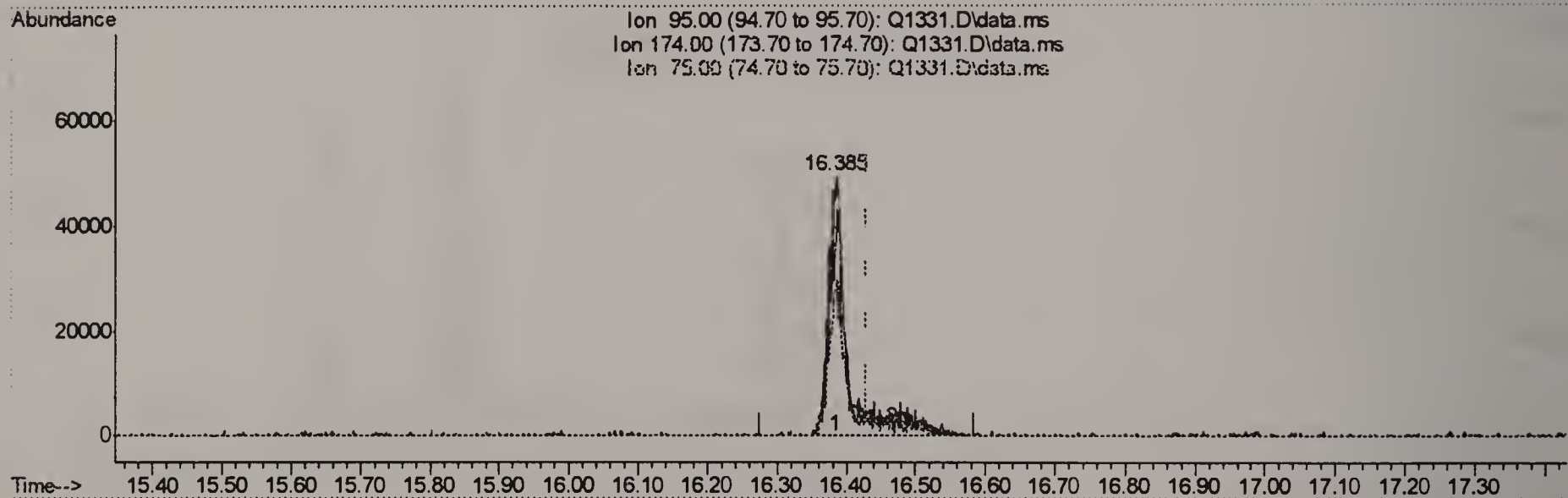
response 80026

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	75.37
75.00	52.30	57.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1331.D
 Acq On : 8 Aug 2006 3:45 pm
 Operator : PhilipB
 Sample : M58258-1 (M131)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 08 16:22:54 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 19:00:12 2006
 Response via : Initial Calibration



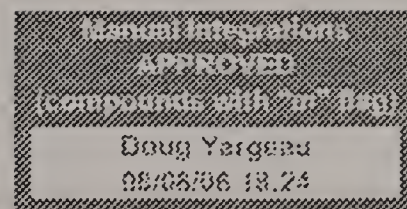
(61) 4-BROMOFLUOROBENZENE (S)

16.385min (-0.045) 3.19PPBV m

response 99575

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	60.57
75.00	52.30	46.46
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:08:31 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.681	128	424176	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1035637	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	658854m	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.387	95	104088m	3.15	PPBV	-0.04
Spiked Amount 5.000	Range 57 - 139		Recovery =	63.00%		

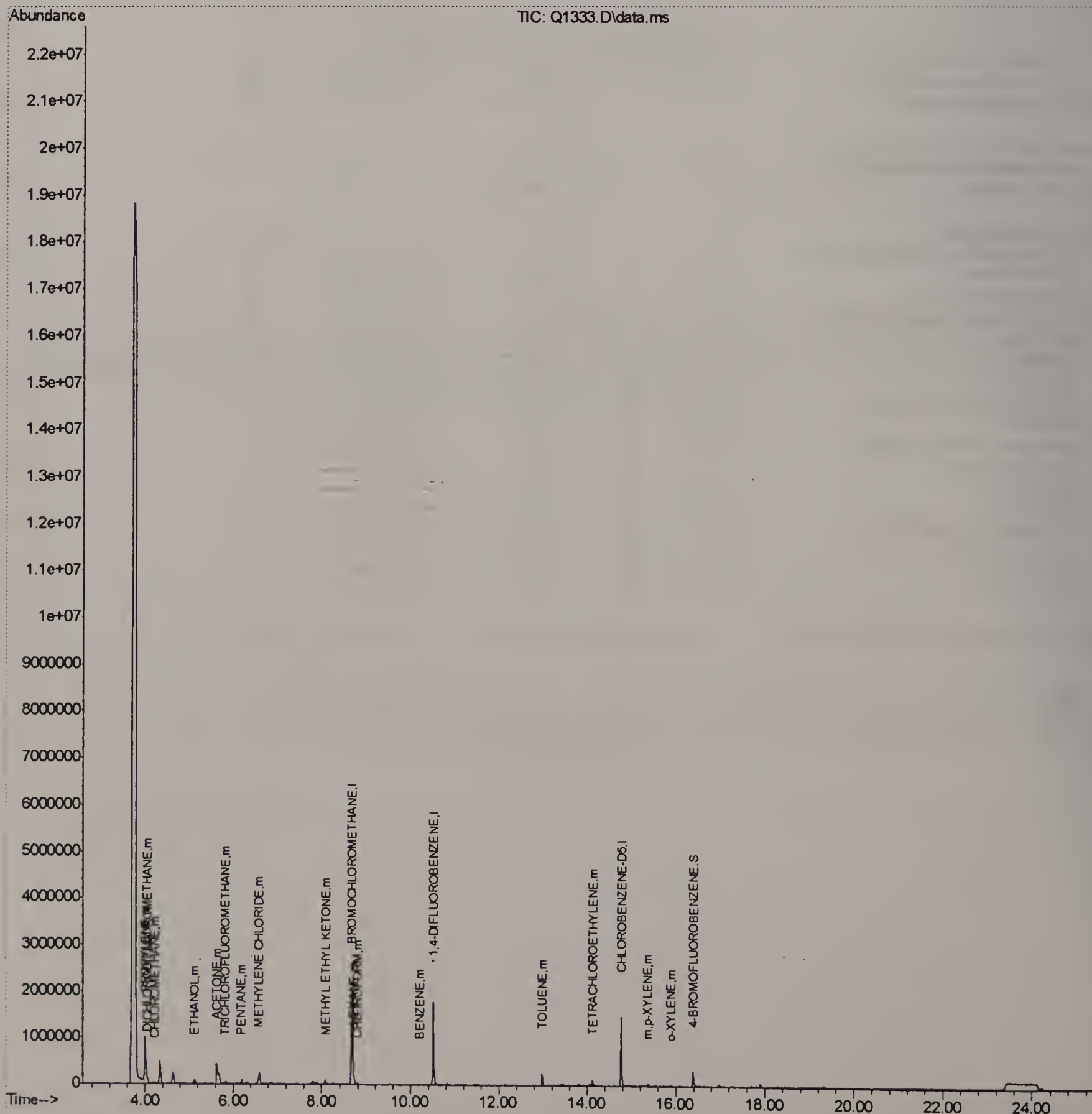
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.045	85	107835	0.61	PPBV	100
3) PROPYLENE	3.996	41	326486	11.50	PPBV #	36
5) CHLOROMETHANE	4.226	50	26588	0.59	PPBV	70
10) TRICHLOROFLUOROMETHANE	5.827	101	63734	0.30	PPBV	95
12) ACETONE	5.623	43	795200	10.96	PPBV	85
13) PENTANE	6.182	42	41343	0.90	PPBV	85
16) ETHANOL	5.121	45	123561	7.96	PPBV	94
18) METHYLENE CHLORIDE	6.583	84	92173	1.82	PPBV	89
25) HEXANE	8.724	57	41668	0.56	PPBV #	77
28) METHYL ETHYL KETONE	8.085	43	104033	1.13	PPBV	87
31) CHLOROFORM	8.797	83	20978	0.16	PPBV	85
36) BENZENE	10.204	78	25003	0.28	PPBV	92
46) TOLUENE	12.980	92	83517	1.69	PPBV	96
51) TETRACHLOROETHYLENE	14.119	164	19654	0.57	PPBV	97
56) m,p-XYLENE	15.363	106	18141m	0.54	PPBV	
57) o-XYLENE	15.883	106	6465	0.19	PPBV	93

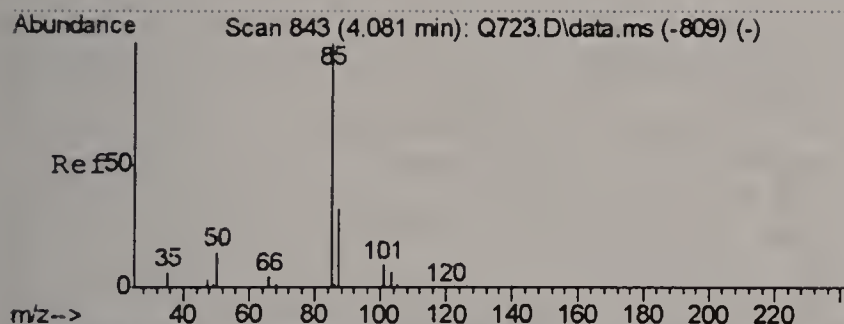
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

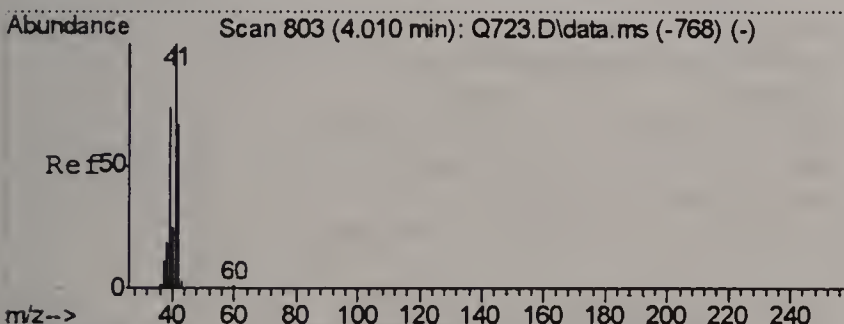
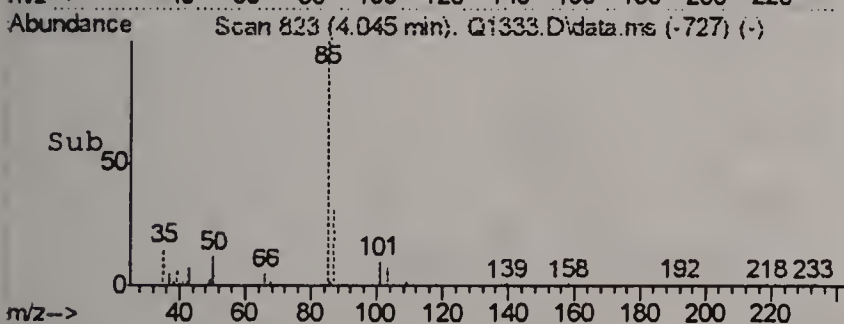
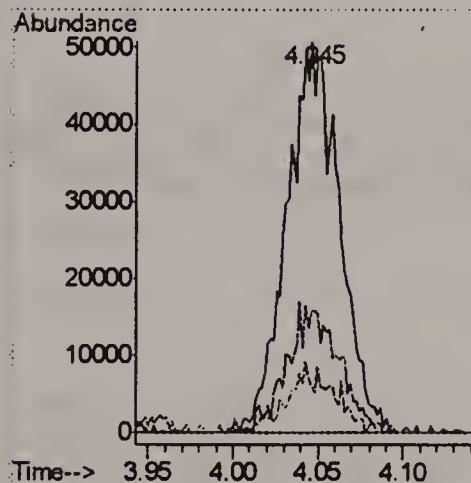
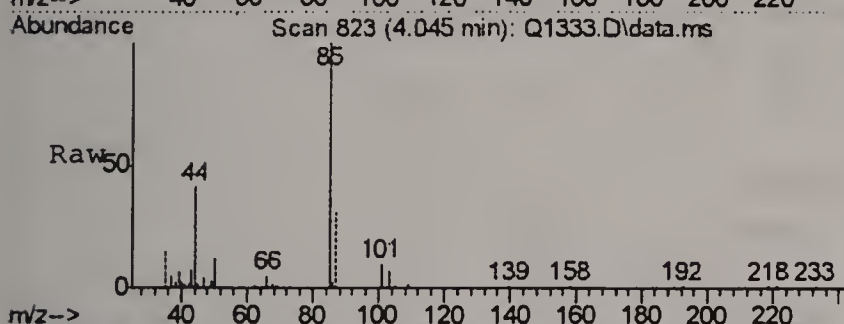
Quant Time: Aug 08 18:08:31 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration





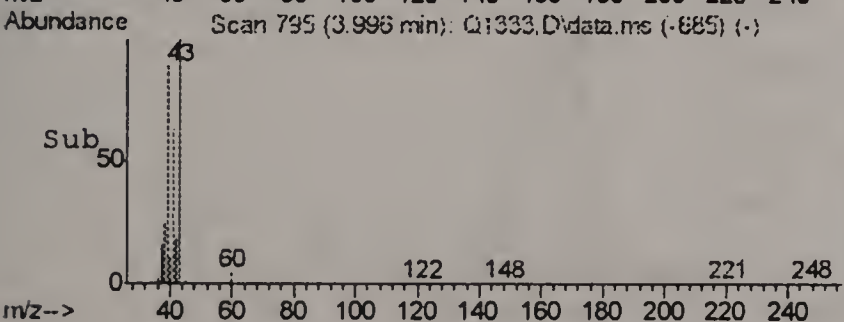
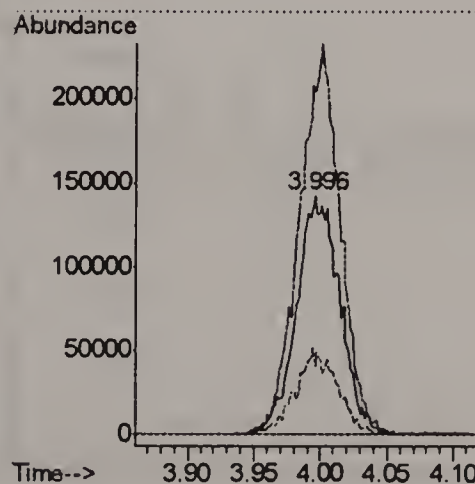
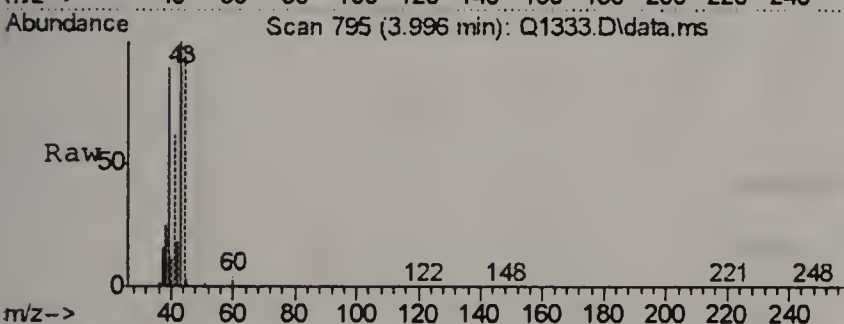
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.61 PPBV
 RT: 4.045 min Scan# 823
 Delta R.T. -0.036 min
 Lab File: Q1333.D
 Acq: 8 Aug 2006 5:40 pm

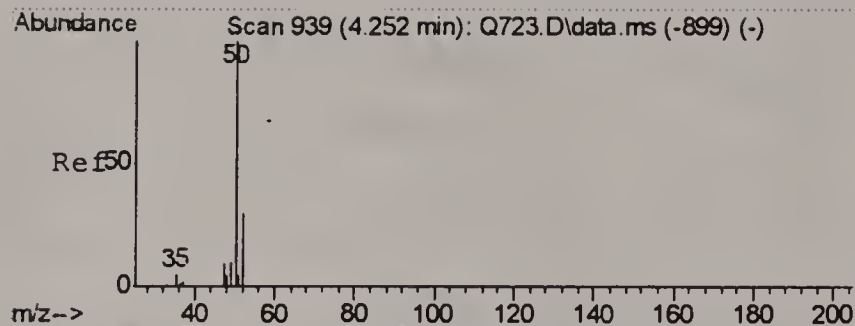
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	11.9	51.9
50	15.2	0.0	35.5



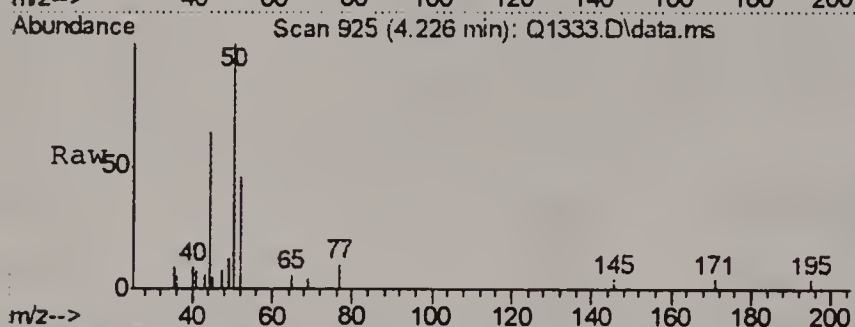
#3
 PROPYLENE
 Concen: 11.50 PPBV
 RT: 3.996 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: Q1333.D
 Acq: 8 Aug 2006 5:40 pm

Tgt Ion	Ratio	Lower	Upper
41	100		
39	142.9	55.3	95.3#
42	28.6	46.8	86.8#

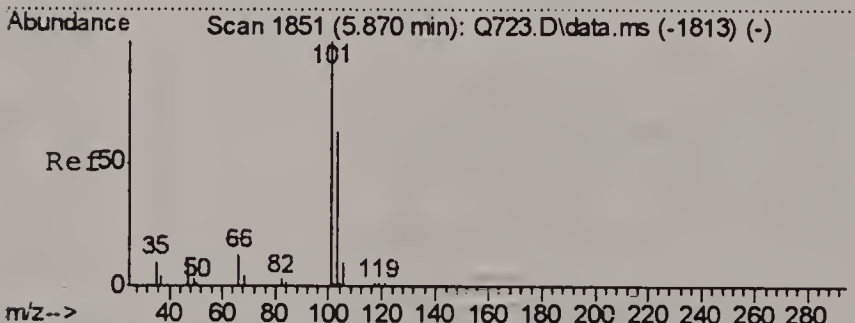
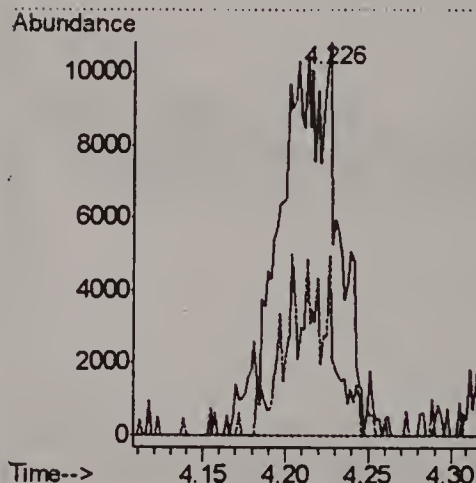
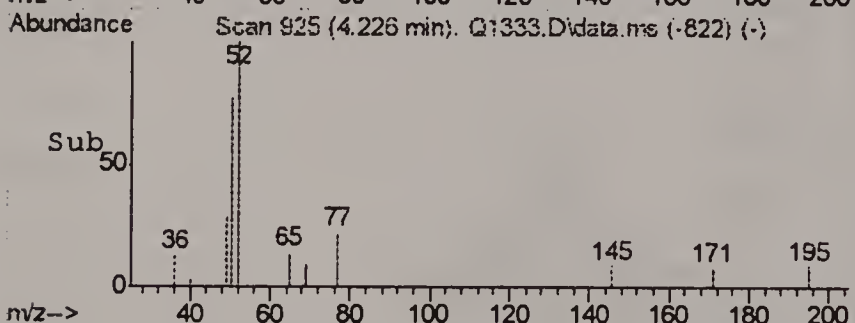




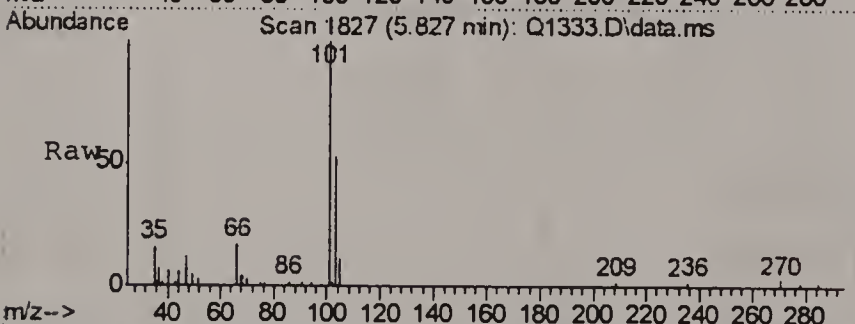
#5
CHLOROMETHANE
Concen: 0.59 PPBV
RT: 4.226 min Scan# 925
Delta R.T. -0.022 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm



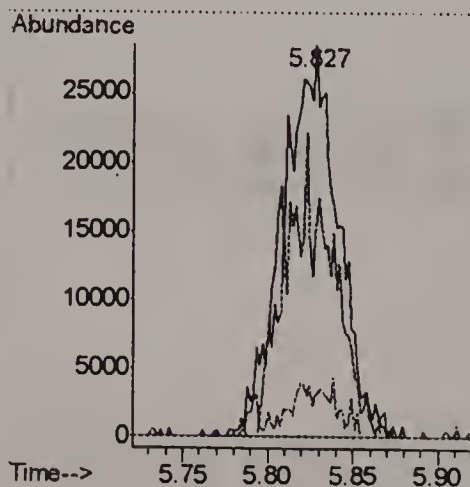
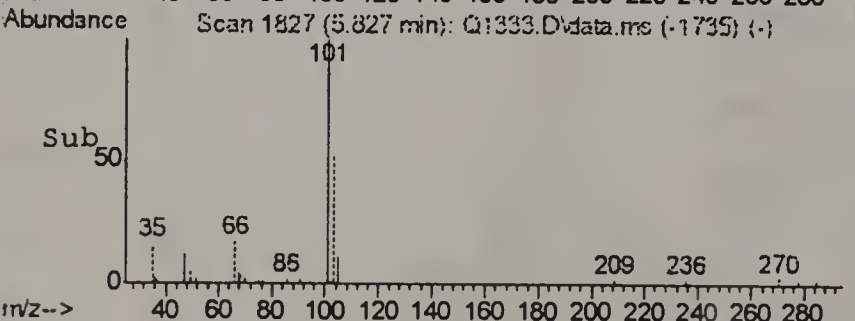
Tgt Ion: 50 Resp: 26588
Ion Ratio Lower Upper
50 100
52 45.7 9.7 49.7

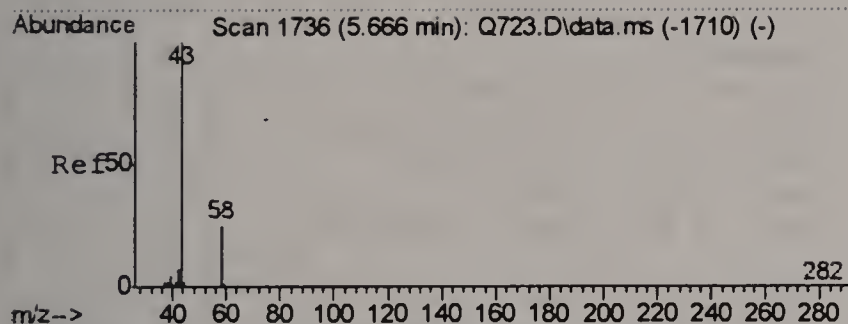


#10
TRICHLOROFLUOROMETHANE
Concen: 0.30 PPBV
RT: 5.827 min Scan# 1827
Delta R.T. -0.043 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm



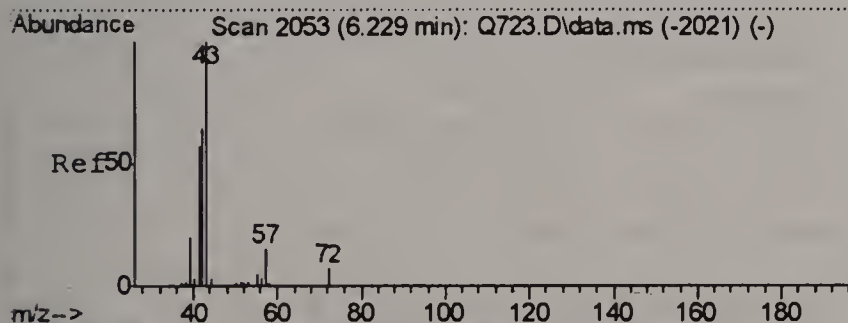
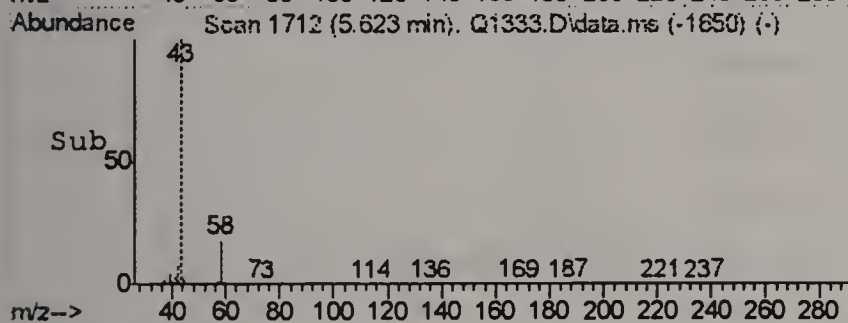
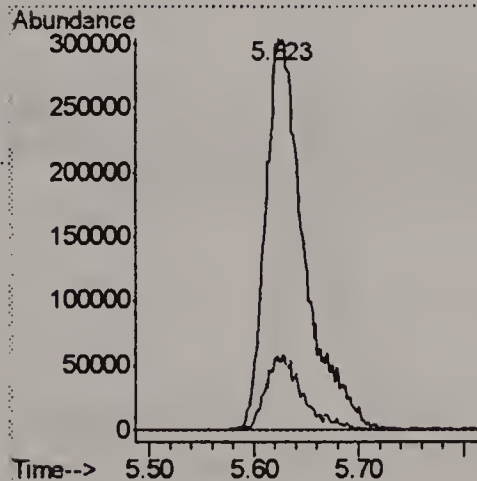
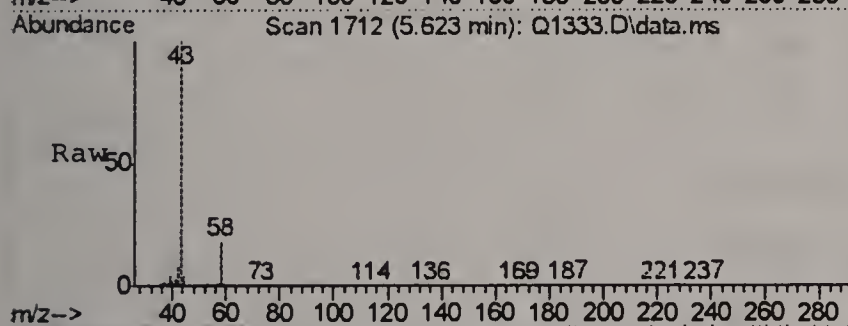
Tgt Ion: 101 Resp: 63734
Ion Ratio Lower Upper
101 100
103 66.3 44.3 84.3
105 3.5 0.0 30.4





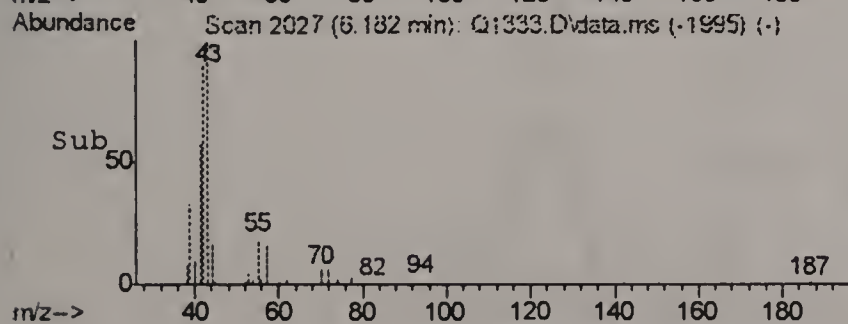
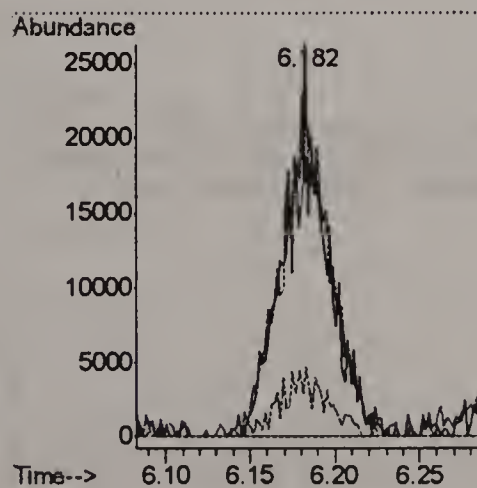
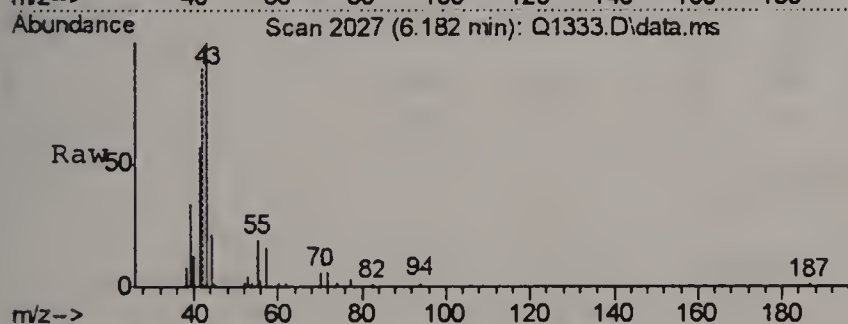
#12
ACETONE
Concen: 10.96 PPBV
RT: 5.623 min Scan# 1712
Delta R.T. -0.046 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

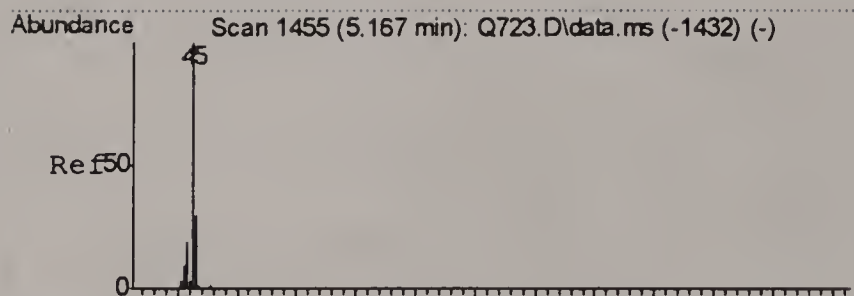
Tgt Ion: 43 Resp: 795200
Ion Ratio Lower Upper
43 100
58 16.8 4.1 44.1



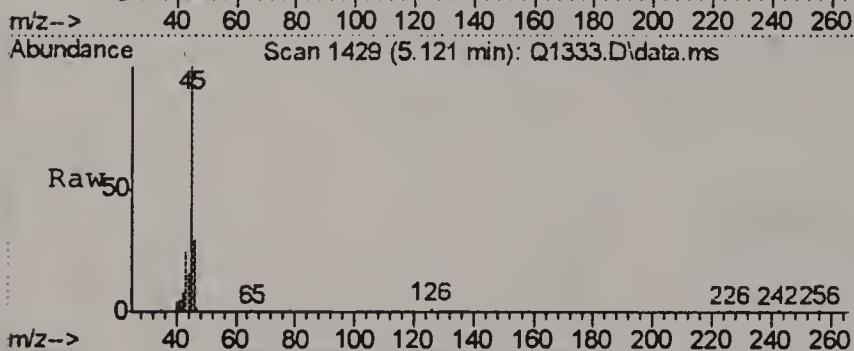
#13
PENTANE
Concen: 0.90 PPBV
RT: 6.182 min Scan# 2027
Delta R.T. -0.046 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

Tgt Ion: 42 Resp: 41343
Ion Ratio Lower Upper
42 100
41 105.1 72.2 112.2
57 12.1 1.9 41.9



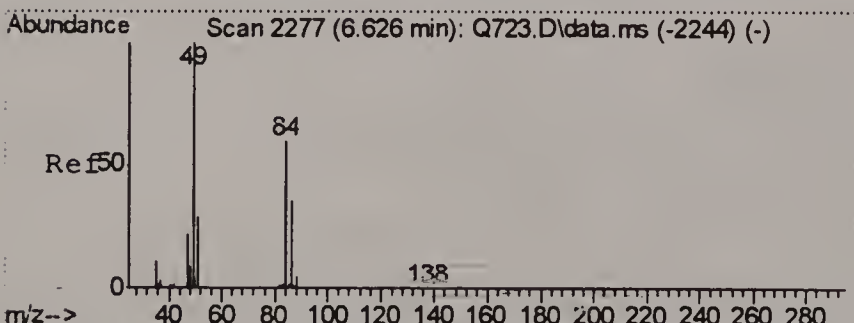
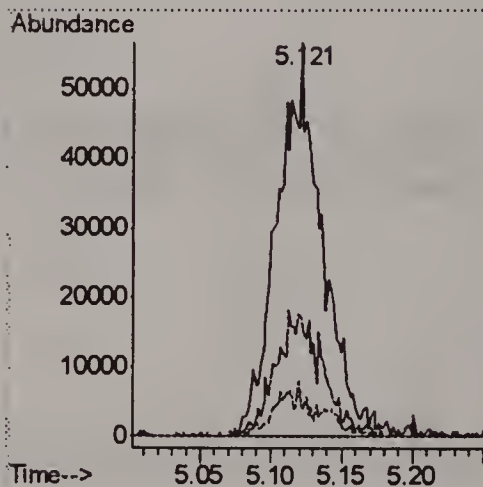
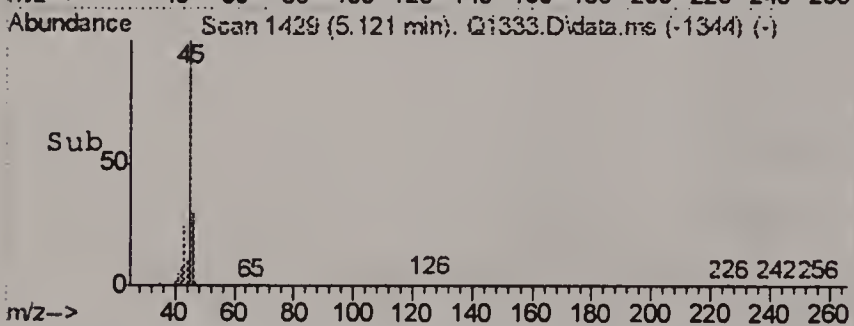


#16
 ETHANOL
 Concen: 7.96 PPBV
 RT: 5.121 min Scan# 1429
 Delta R.T. -0.055 min
 Lab File: Q1333.D
 Acq: 8 Aug 2006 5:40 pm

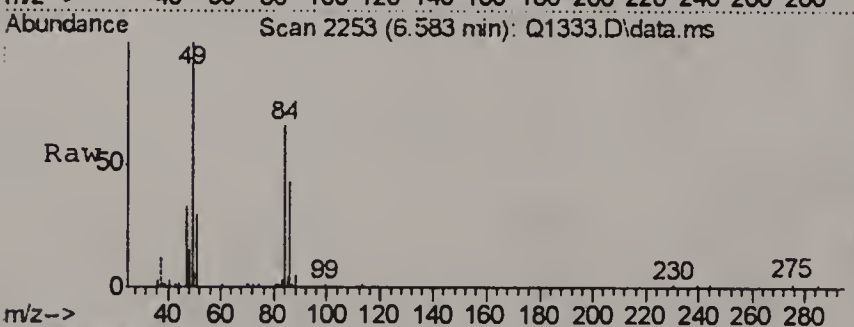


Tgt Ion: 45 Resp: 123561

Ion	Ratio	Lower	Upper
45	100		
46	33.3	16.4	56.4
42	5.0	0.0	28.8

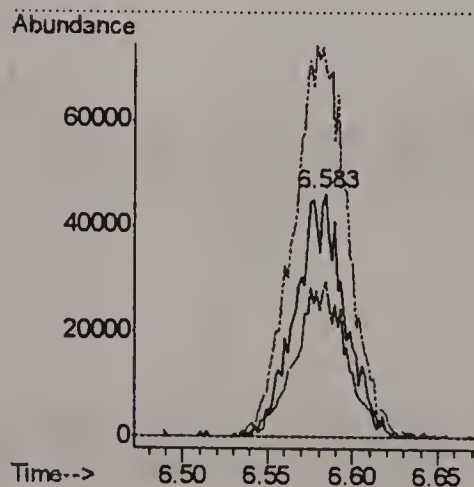
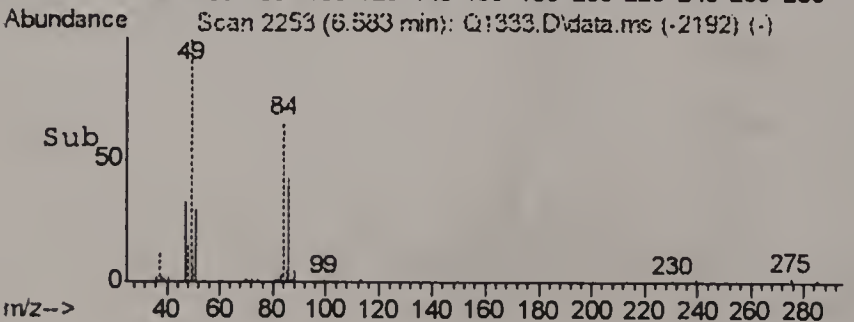


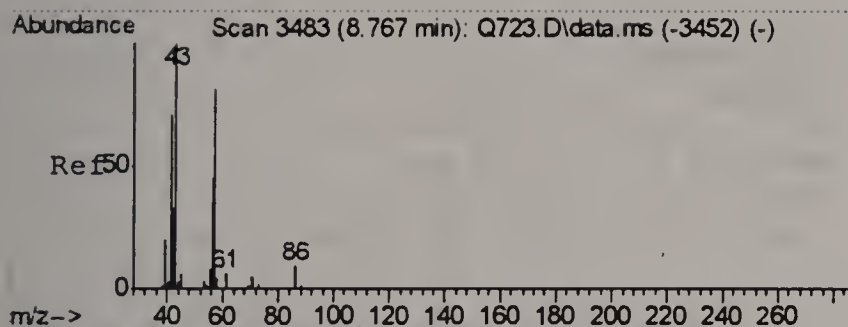
#18
 METHYLENE CHLORIDE
 Concen: 1.82 PPBV
 RT: 6.583 min Scan# 2253
 Delta R.T. -0.043 min
 Lab File: Q1333.D
 Acq: 8 Aug 2006 5:40 pm



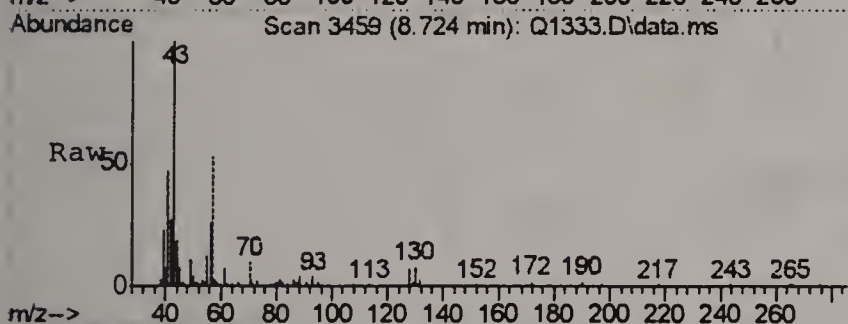
Tgt Ion: 84 Resp: 92173

Ion	Ratio	Lower	Upper
84	100		
86	65.7	44.6	84.6
49	179.2	0.7	400.7

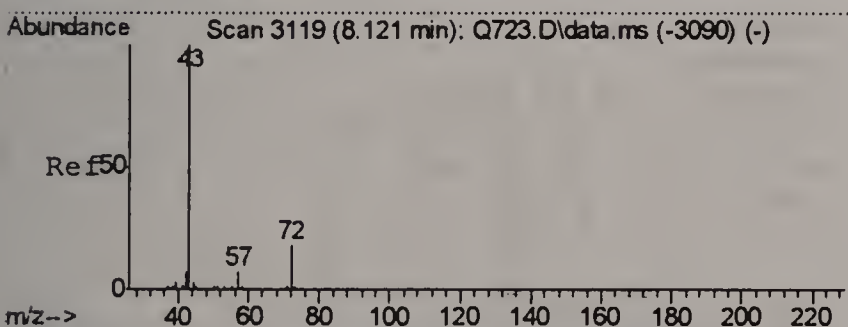
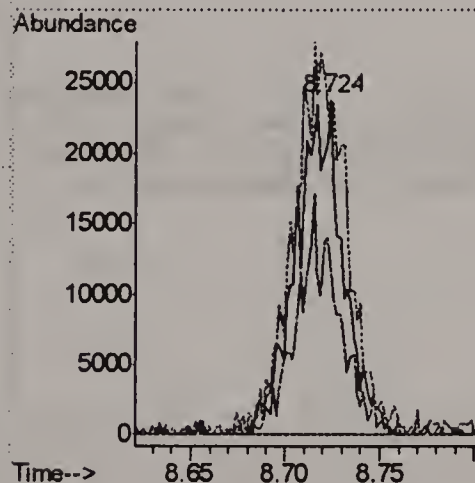
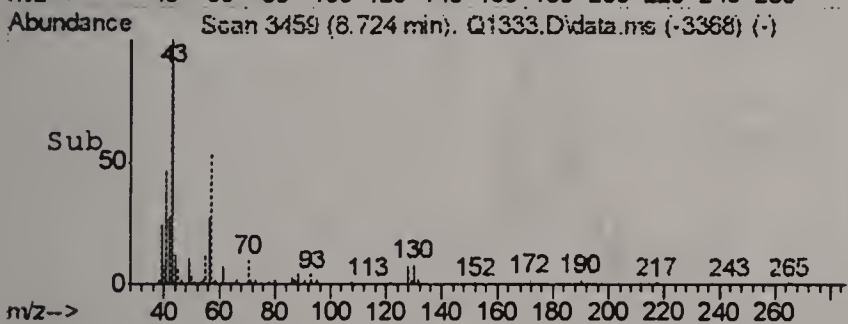




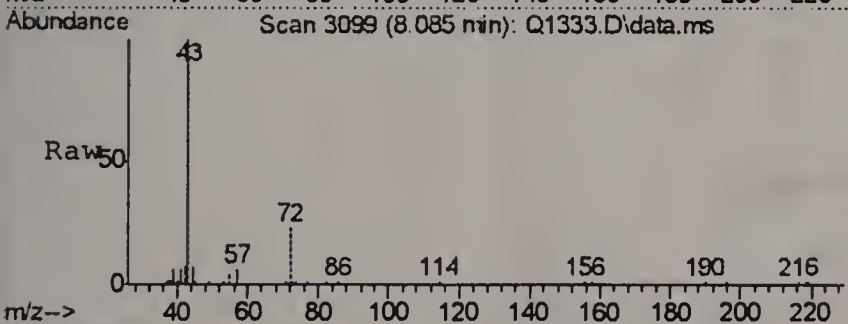
#25
 HEXANE
 Concen: 0.56 PPBV
 RT: 8.724 min Scan# 3459
 Delta R.T. -0.044 min
 Lab File: Q1333.D
 Acq: 8 Aug 2006 5:40 pm



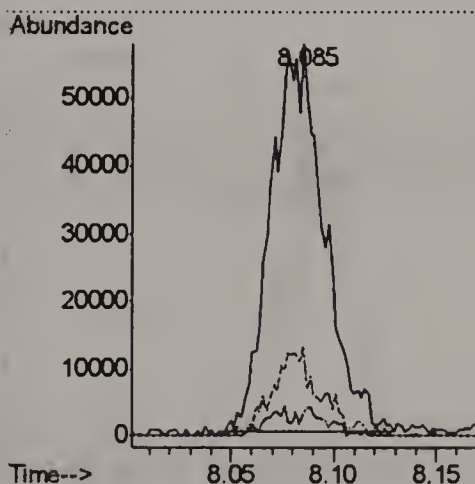
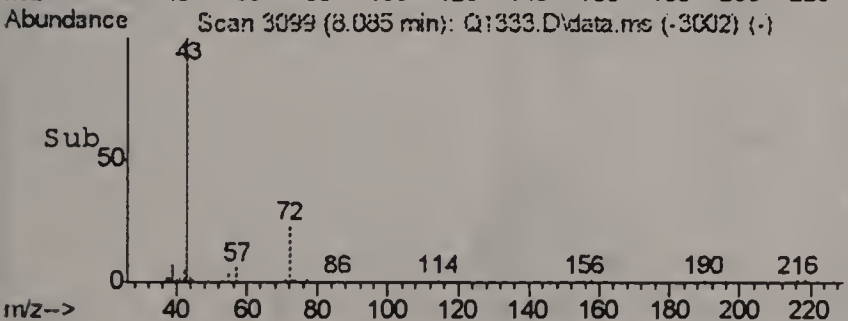
Tgt Ion: 57 Resp: 41668
 Ion Ratio Lower Upper
 57 100
 56 60.5 35.6 75.6
 41 122.9 71.4 111.4#

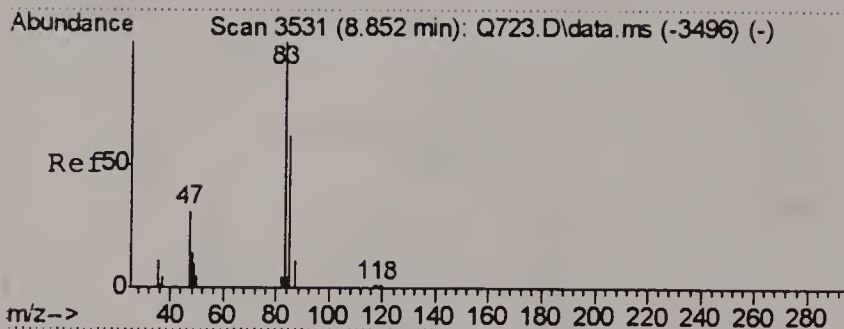


#28
 METHYL ETHYL KETONE
 Concen: 1.13 PPBV
 RT: 8.085 min Scan# 3099
 Delta R.T. -0.034 min
 Lab File: Q1333.D
 Acq: 8 Aug 2006 5:40 pm



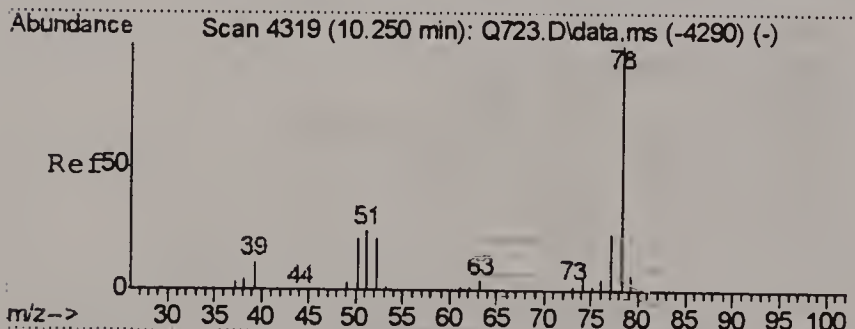
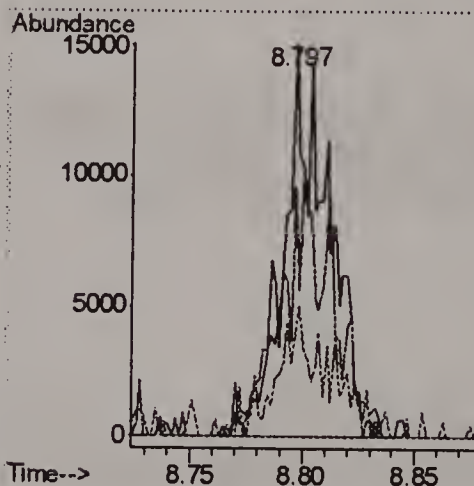
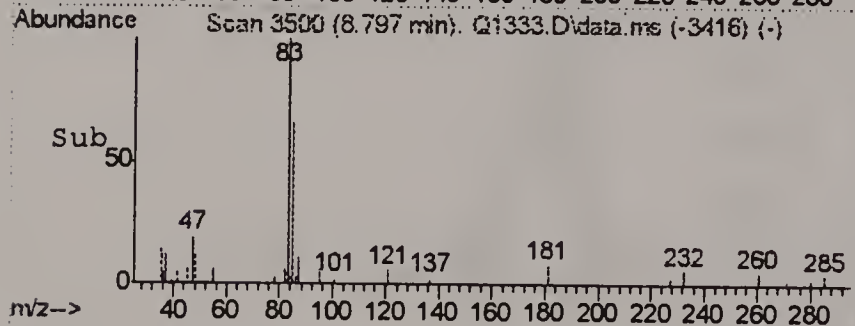
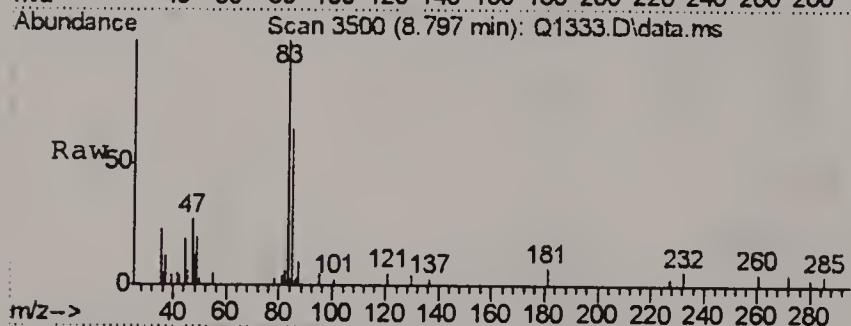
Tgt Ion: 43 Resp: 104033
 Ion Ratio Lower Upper
 43 100
 57 5.7 0.0 26.7
 72 23.1 0.0 36.0





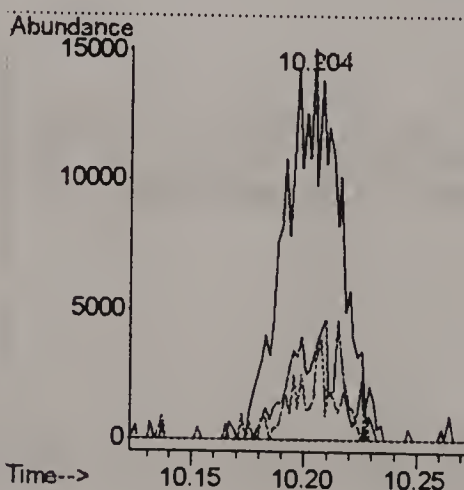
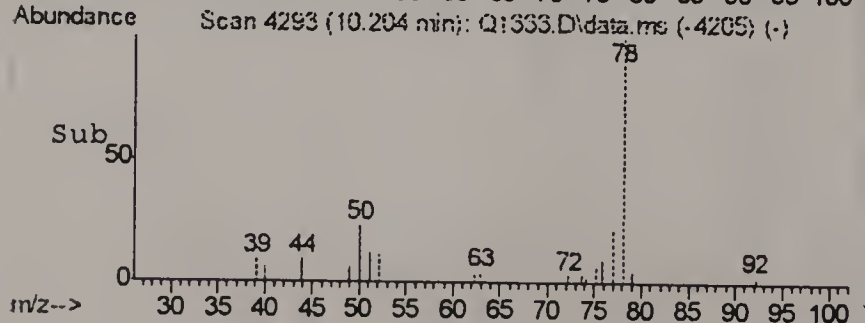
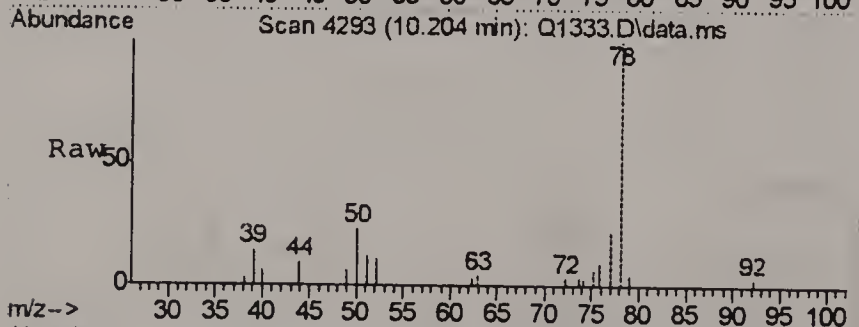
#31
CHLOROFORM
Concen: 0.16 PPBV
RT: 8.797 min Scan# 3500
Delta R.T. -0.057 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

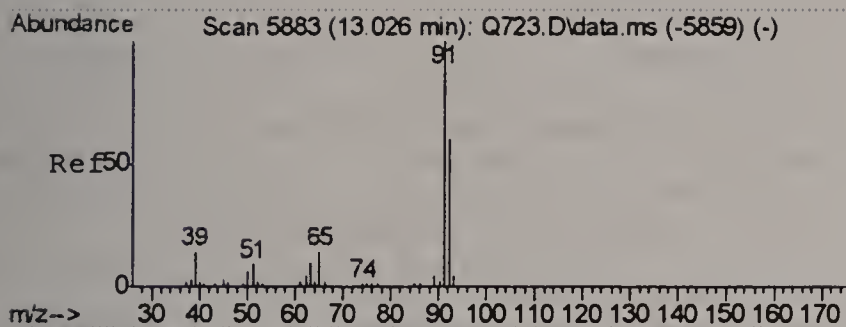
Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.8	44.8	84.8
47	27.3	13.7	53.7



#36
BENZENE
Concen: 0.28 PPBV
RT: 10.204 min Scan# 4293
Delta R.T. -0.050 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

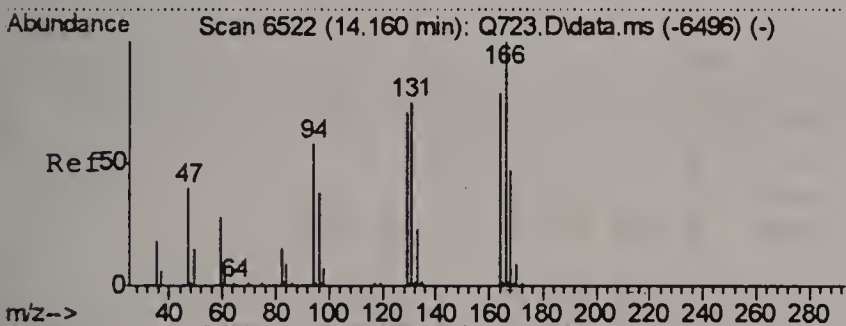
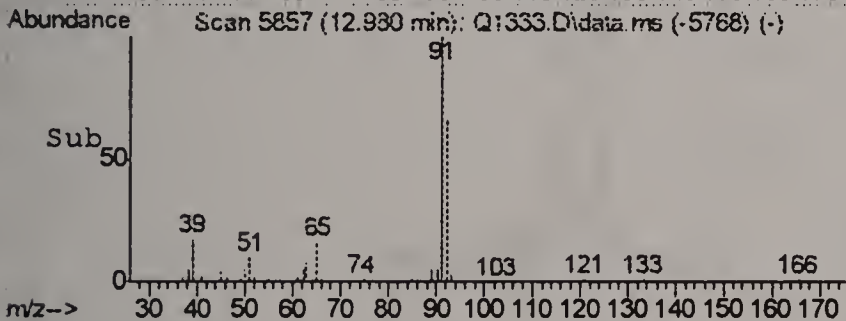
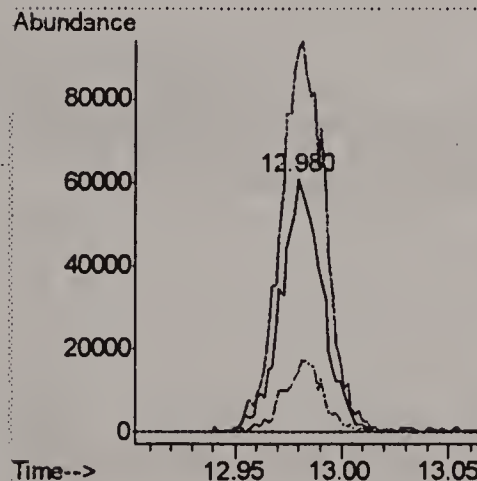
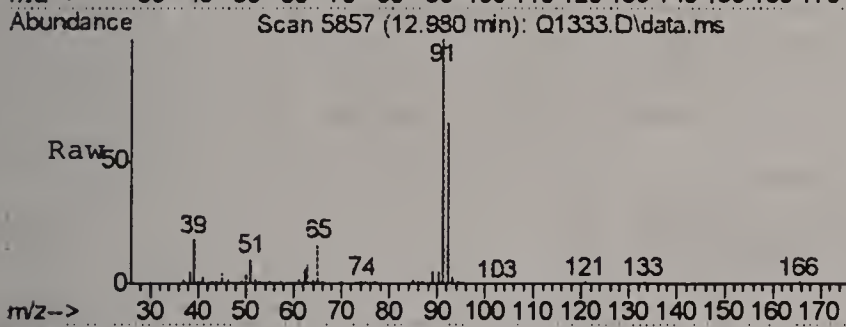
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	3.4	43.4
52	16.0	2.0	42.0





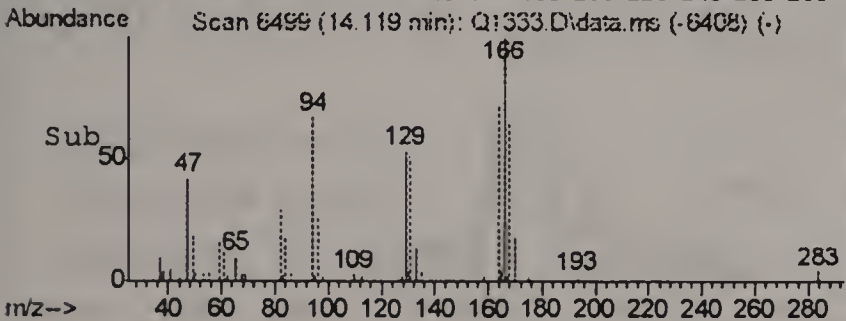
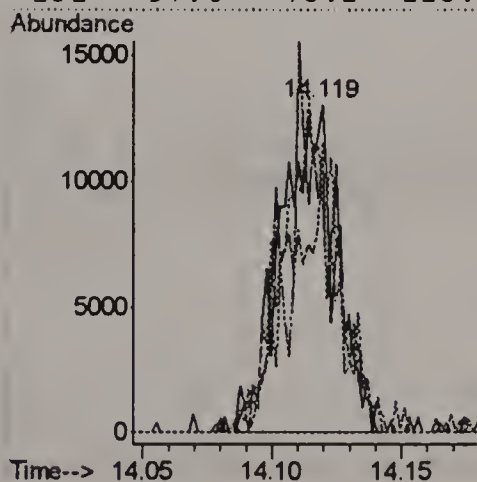
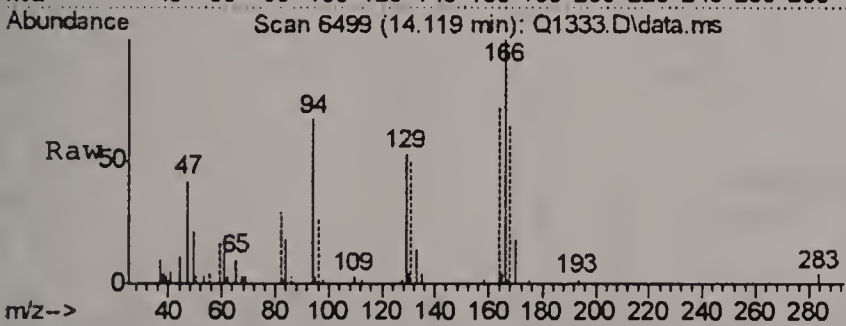
#46
TOLUENE
Concen: 1.69 PPBV
RT: 12.980 min Scan# 5857
Delta R.T. -0.048 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

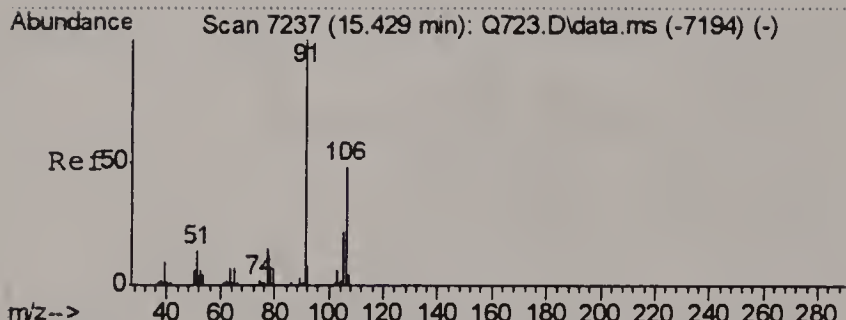
Tgt Ion	Ratio	Lower	Upper
92	100		
91	165.3	149.4	189.4
65	27.4	3.6	43.6



#51
TETRACHLOROETHYLENE
Concen: 0.57 PPBV
RT: 14.119 min Scan# 6499
Delta R.T. -0.044 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

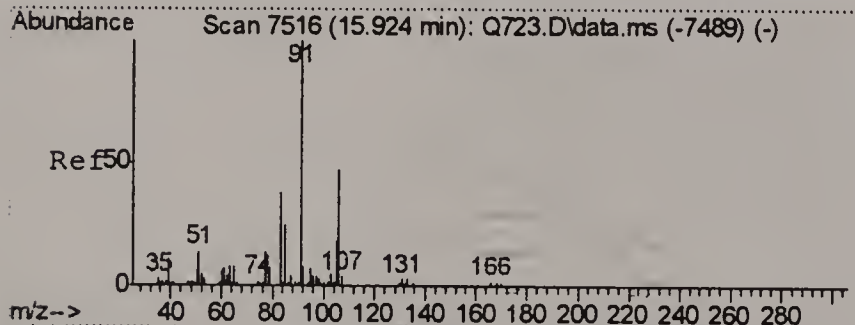
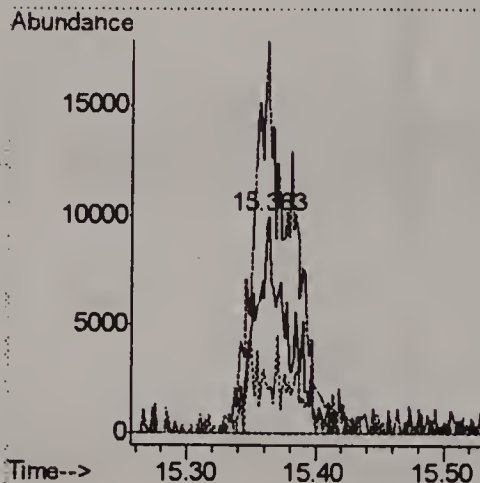
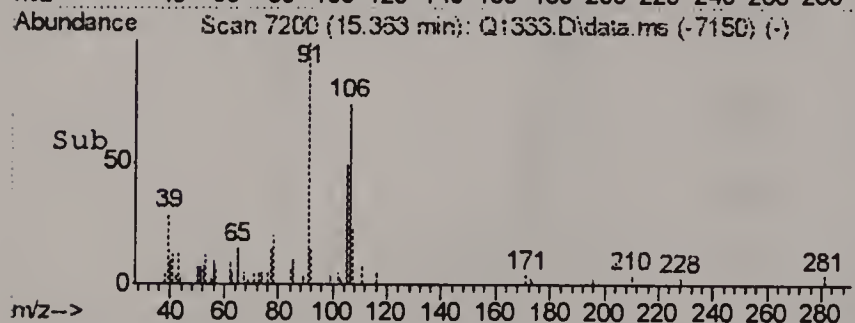
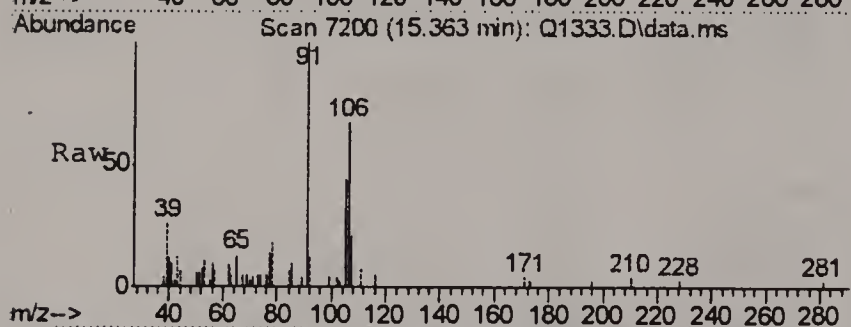
Tgt Ion	Ratio	Lower	Upper
164	100		
129	94.3	75.5	115.5
168	67.9	42.7	82.7
131	97.6	75.2	115.2





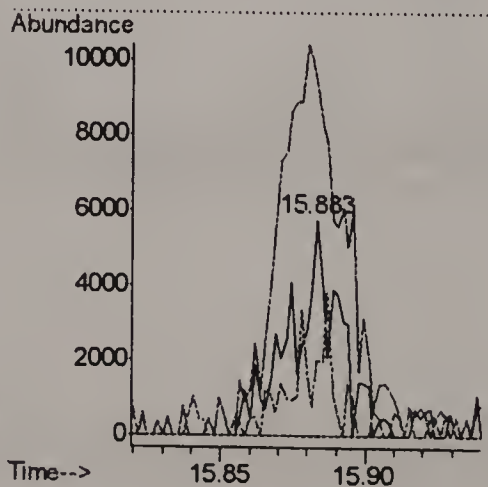
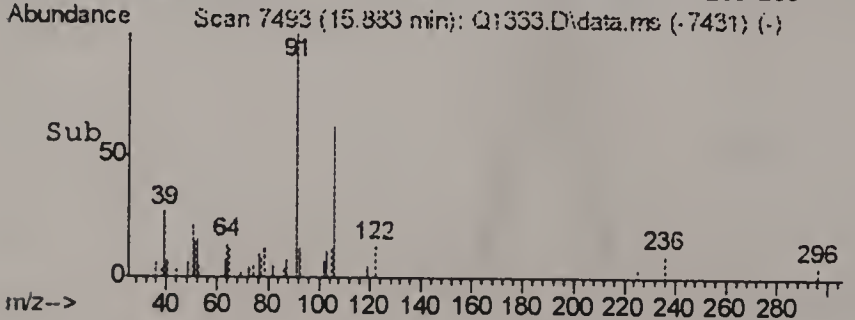
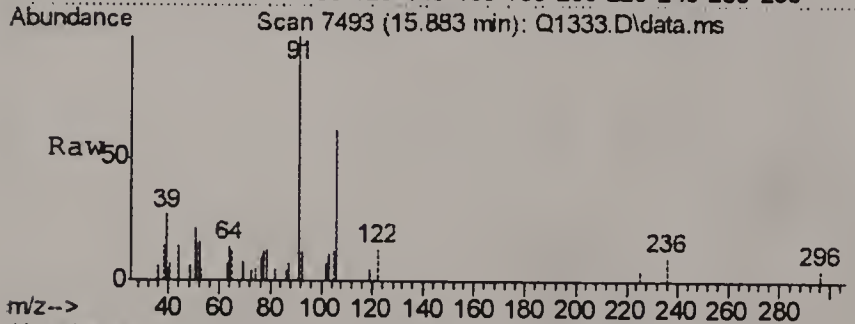
#56
m,p-XYLENE
Concen: 0.54 PPBV m
RT: 15.363 min Scan# 7200
Delta R.T. -0.066 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

Tgt Ion	Ratio	Lower	Upper
106	100		
91	149.7	182.7	274.1#
77	20.5	25.4	38.2#



#57
o-XYLENE
Concen: 0.19 PPBV
RT: 15.883 min Scan# 7493
Delta R.T. -0.046 min
Lab File: Q1333.D
Acq: 8 Aug 2006 5:40 pm

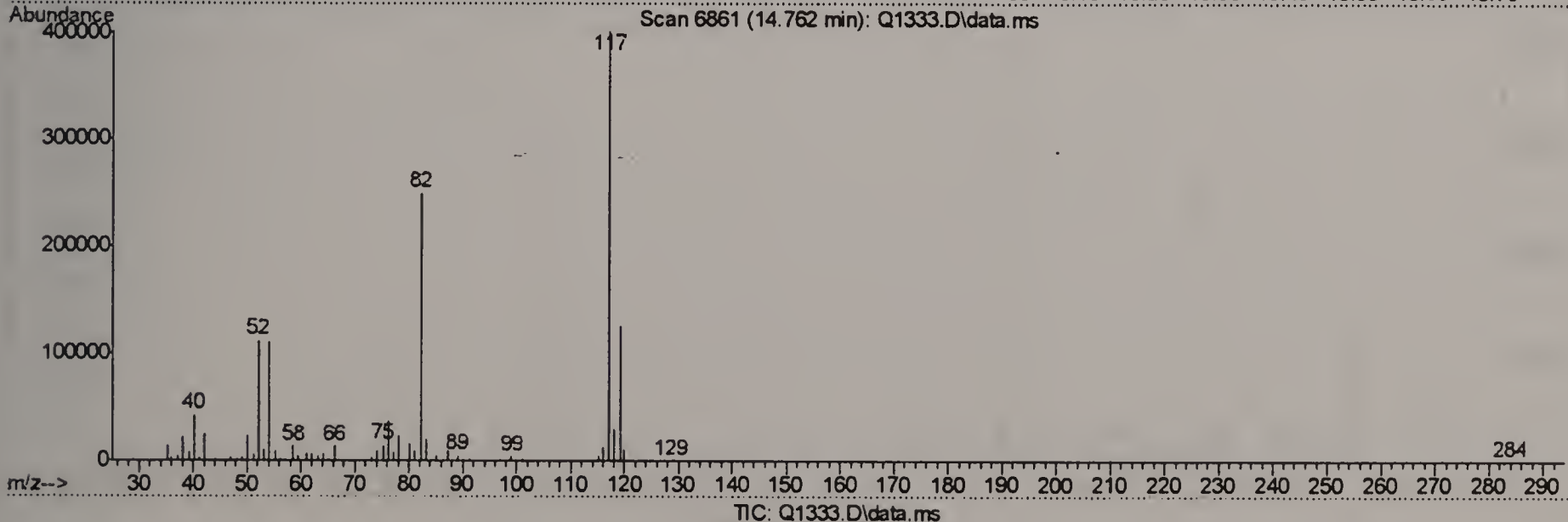
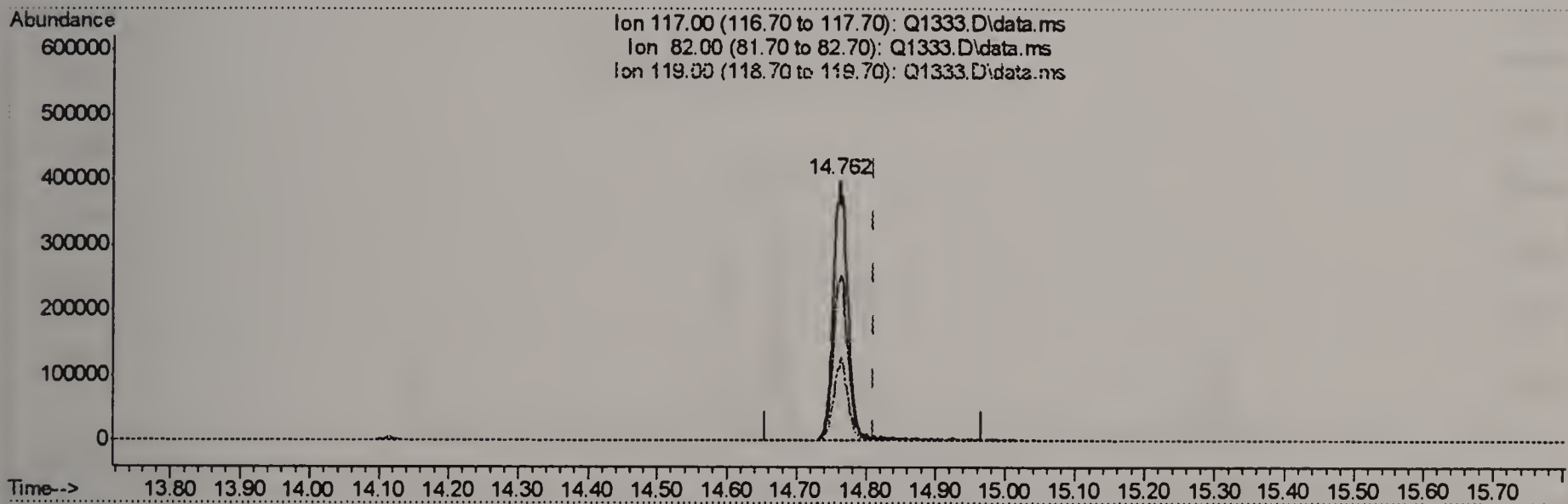
Tgt Ion	Ratio	Lower	Upper
106	100		
91	248.9	218.9	258.9
77	41.1	12.8	52.8



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:06:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.762min (-0.050) 10.00PPBV

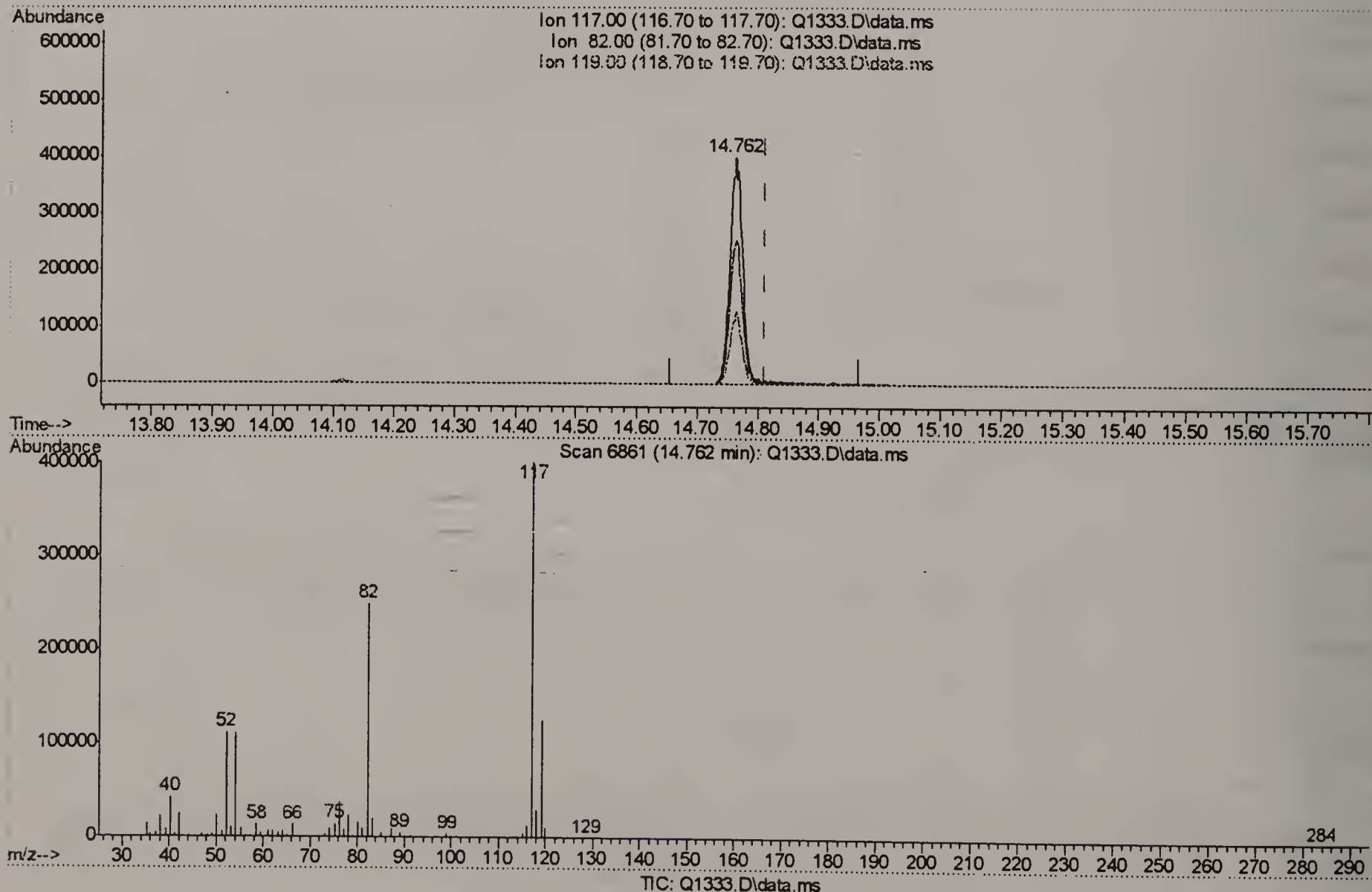
response 611441

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	64.25
119.00	31.70	31.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:06:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.762min (-0.050) 10.00PPBV m

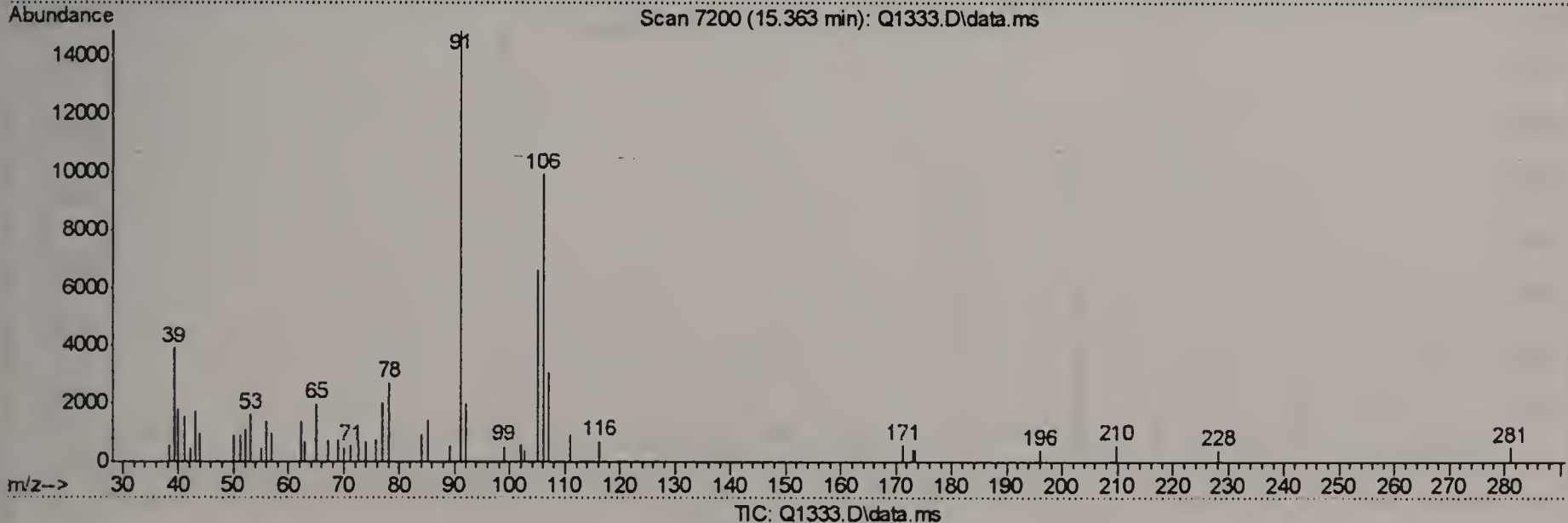
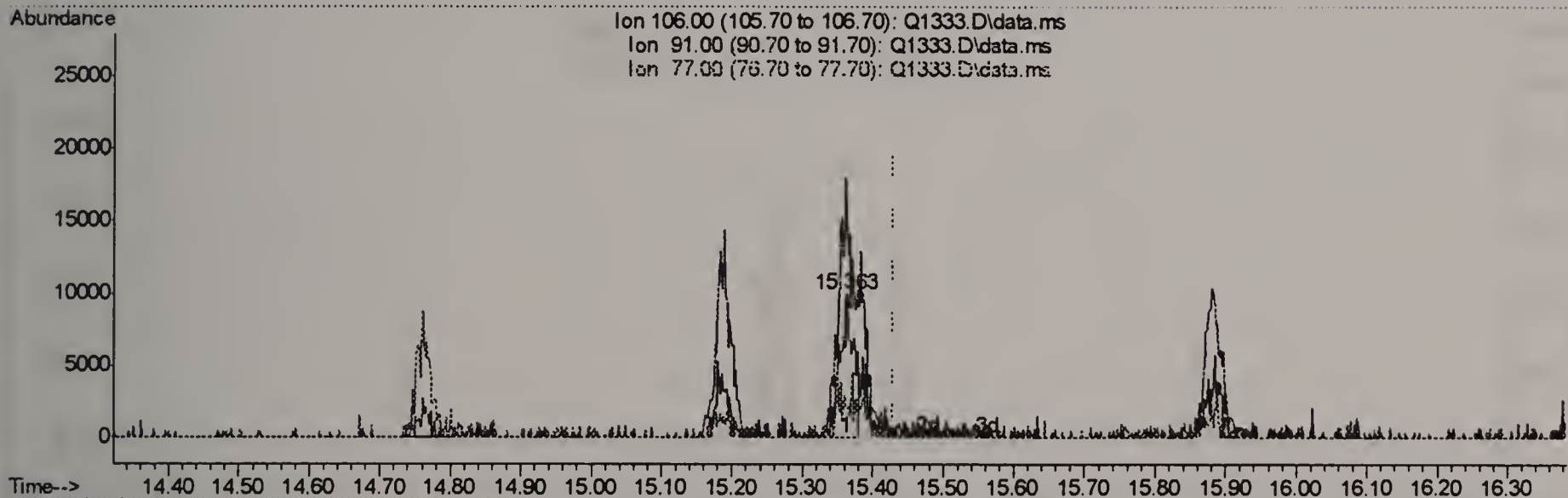
response 658854

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	59.63
119.00	31.70	29.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:06:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.363min (-0.066) 0.40PPBV

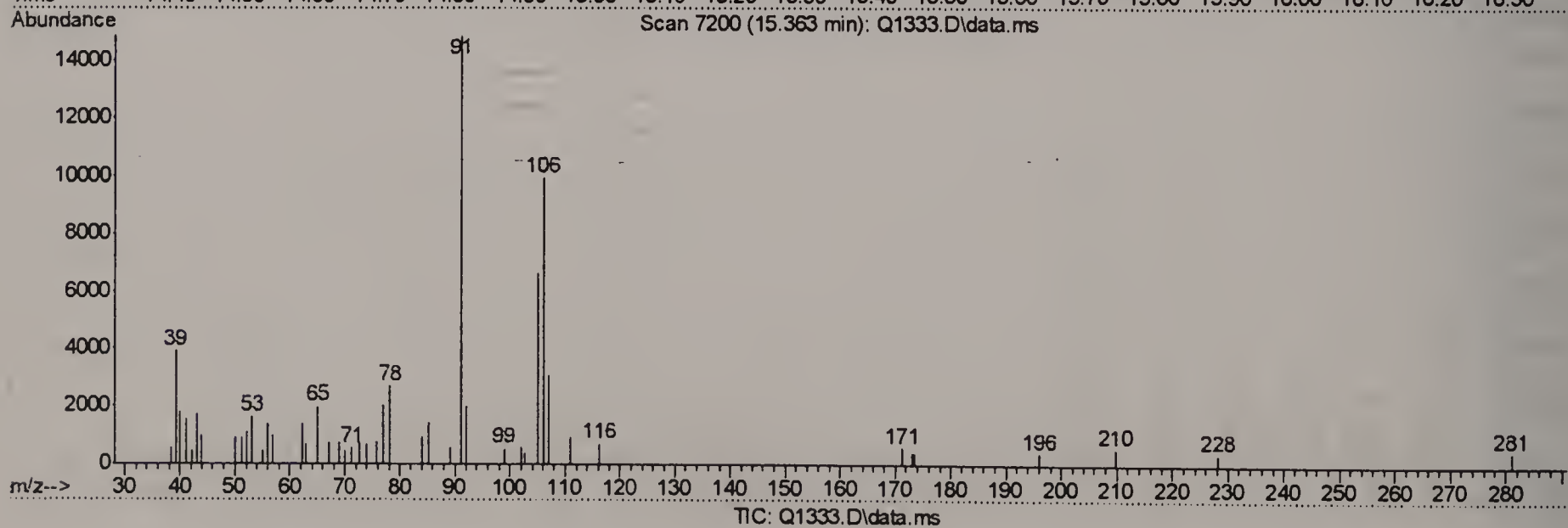
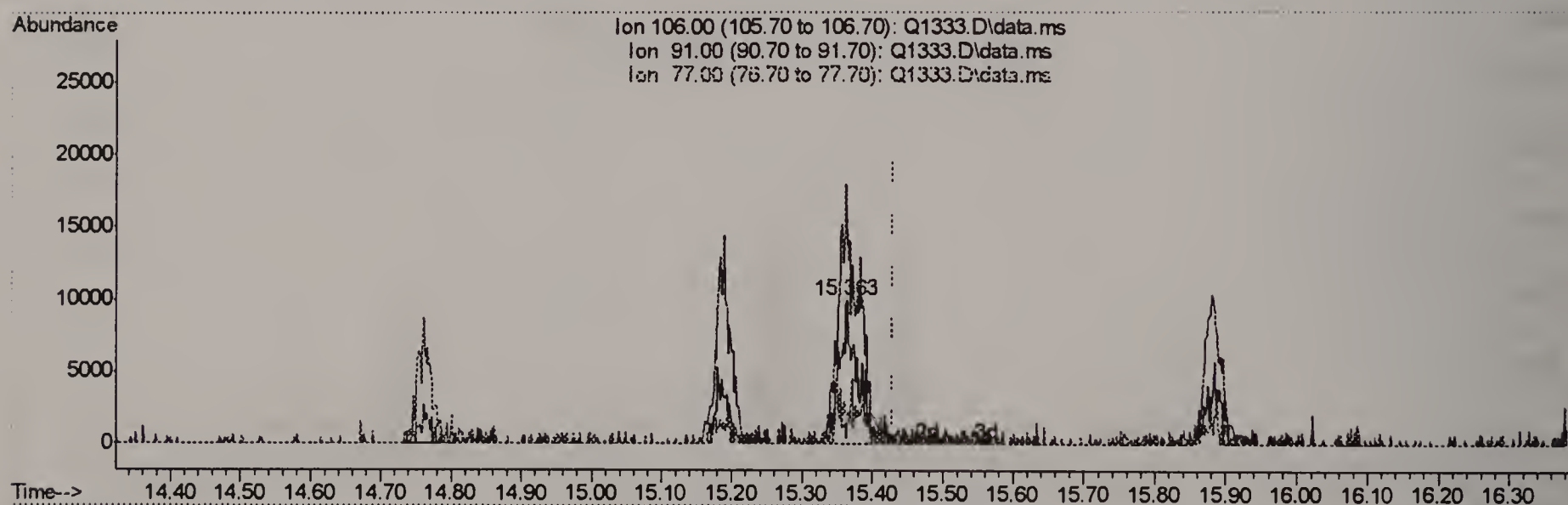
response 13517

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	149.72#
77.00	31.80	20.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:06:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.363min (-0.066) 0.54PPBV m

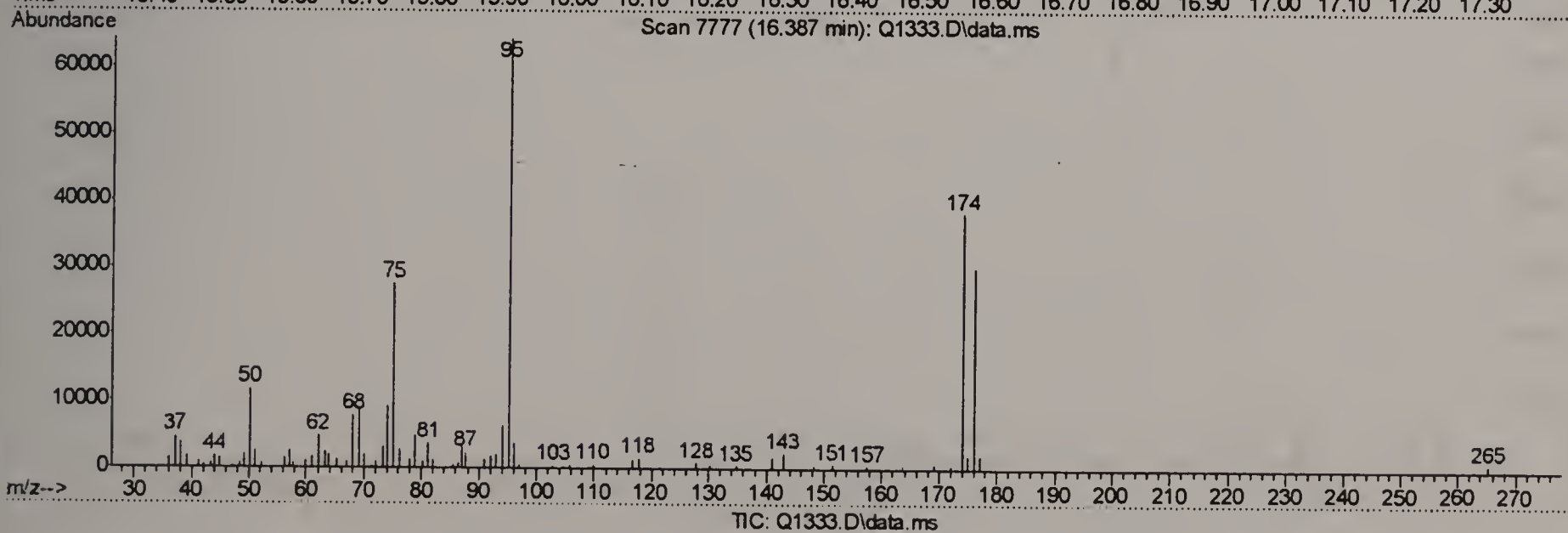
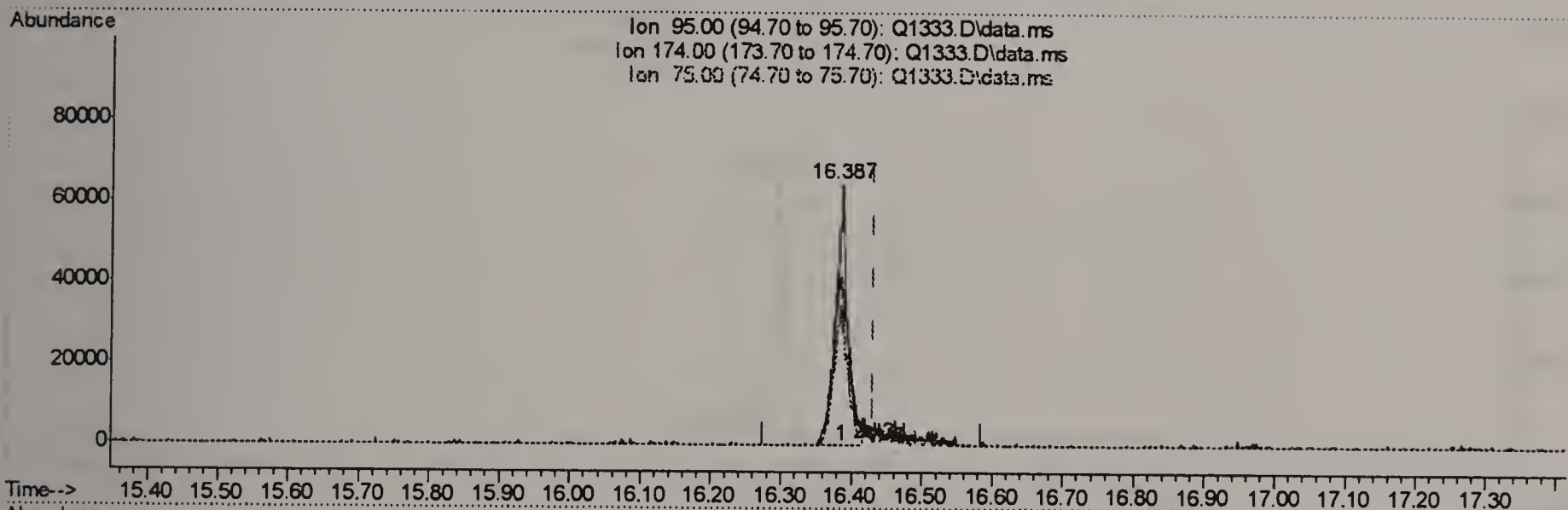
response 18141

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	149.72#
77.00	31.80	20.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:06:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.387min (-0.043) 2.51PPBV

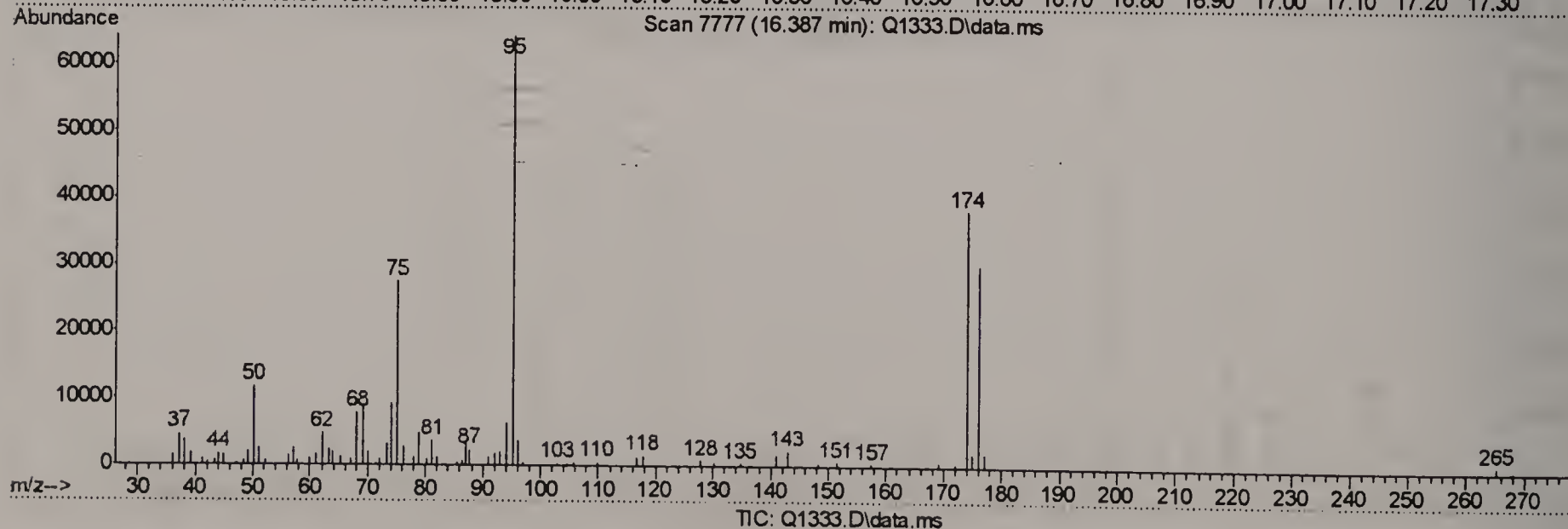
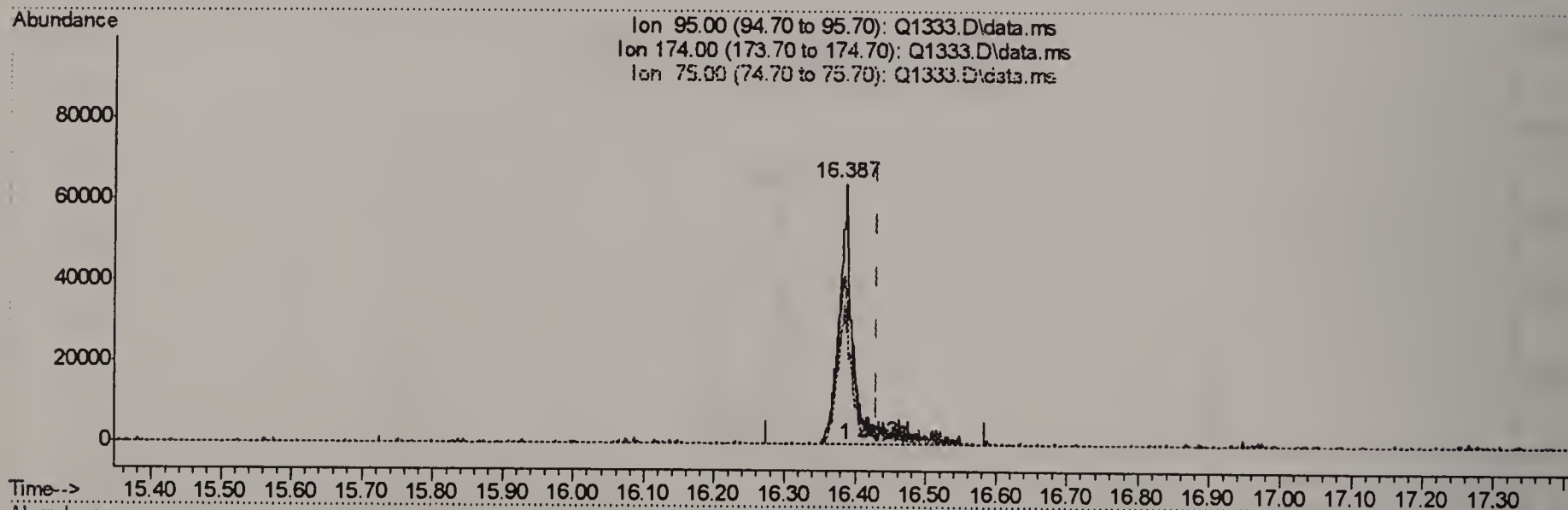
response 82875

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	85.21
75.00	52.30	64.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1333.D
 Acq On : 8 Aug 2006 5:40 pm
 Operator : PhilipB
 Sample : M58258-2 (M066)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 18:06:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.387min (-0.043) 3.15PPBV m

response 104088

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	67.84
75.00	52.30	50.97
0.00	0.00	0.00

Initial Calibration Data

70 - 15
(Test)

Initial Calibration Summary

Page 1 of 2

Job Number: M58258
 Account: GEI GEI Consultants, Inc.
 Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ68-ICC68
 Lab FileID: Q1309.D

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
 Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 Last Update : Tue Aug 08 10:00:19 2006
 Response via : Initial Calibration

Calibration Files

.2 =Q1310.D .5 =Q1308.D 2 =Q1307.D
 5 =Q1306.D 10 =Q1309.D 20 =Q1311.D

Compound	.2	.5	2	5	10	20	Avg	%RSD
1) I BROMOCHLOROMETHANE	-----ISTD-----							
2) m DICHLORODIFLUOROMET		5.093	5.081	4.258	3.320	3.206	4.192	21.80
3) m PROPYLENE		0.763	0.816	0.718	0.552	0.498	0.669	20.52
4) m FREON 114		4.511	4.718	4.019	3.293	3.345	3.977	16.40
5) m CHLOROMETHANE	1.485	1.065	1.099	0.919	0.721		1.058	26.62
6) m VINYL CHLORIDE	1.470	1.233	1.283	1.104	0.873	0.816	1.130	22.21
7) m 1,3-BUTADIENE		1.084	1.179	1.022	0.832	0.801	0.984	16.55
8) m BROMOMETHANE		1.300	1.344	1.146	0.923	0.862	1.115	19.50
9) m CHLOROETHANE	0.679	0.516	0.556	0.483	0.411	0.390	0.506	20.84
10) m TRICHLOROFLUOROMETH		5.737	5.792	4.945	4.216	4.277	4.994	15.22
11) m ISOPROPYL ALCOHOL	1.598	1.378	1.312	1.484	1.153	0.297	1.204	38.98
----- Quadratic regression ----- Coefficient = 0.9933								
Response Ratio = -0.04453 + 2.01763 *A + -0.84772 *A^2								
12) m ACETONE		1.950	1.777	1.794	1.497	1.536	1.711	11.12
13) m PENTANE		1.215	1.280	1.108	0.912	0.877	1.078	16.60
14) m 1,1-DICHLOROETHYLEN	1.339	1.095	1.149	1.011	0.841	0.822	1.043	18.81
15) m CARBON DISULFIDE		3.188	3.495	2.955	2.501	2.526	2.933	14.60
16) m ETHANOL		0.463	0.369	0.401	0.309	0.289	0.366	19.27
17) m BROMOETHENE		0.954	1.074	0.947	0.777	0.771	0.905	14.29
18) m METHYLENE CHLORIDE	2.244	1.303	1.137	0.930	0.783	0.773	1.195	46.35
----- Linear regression (equal Weighting)----- Coefficient = 0.9978								
Response Ratio = 0.05137 + 0.74881 *A								
19) m 3-CHLOROPROPENE		1.503	1.669	1.494	1.298	1.354	1.464	9.89
20) m FREON 113		2.521	2.892	2.624	2.282	2.535	2.571	8.54
21) m TRANS-1,2-DICHLOROE	1.278	1.107	1.264	1.055	0.903	0.931	1.090	14.67
22) m TERTIARY BUTYL ALCO	2.132	1.866	1.774	2.040	0.920		1.746	27.65
23) m METHYL TERTIARY BUT		2.714	2.607	2.842	2.585	2.858	2.721	4.69
24) m TETRAHYDROFURAN		0.586	0.560	0.678	0.624	0.680	0.626	8.59
25) m HEXANE		1.928	1.936	1.679	1.536	1.633	1.743	10.38
26) m VINYL ACETATE		2.526	2.591	2.824	2.646	2.884	2.694	5.70
27) m 1,1-DICHLOROETHANE	2.746	2.309	2.708	2.426	2.072	2.143	2.401	11.75
28) m METHYL ETHYL KETONE		2.417	2.151	2.217	1.954	2.126	2.173	7.71
29) m cis-1,2-DICHLOROETH	1.437	1.196	1.325	1.203	1.071	1.147	1.230	10.67
30) m ETHYL ACETATE		4.074	3.881	3.757	3.428	3.766	3.781	6.22
31) m CHLOROFORM	2.287	3.454	3.805	3.268	2.938	3.056	3.134	16.47
32) m 1,1,1-TRICHLOROETHA	2.248	1.765	2.365	2.049	1.906	2.119	2.075	10.60
33) m CARBON TETRACHLORID	2.733	2.062	2.578	2.276	2.198	2.524	2.395	10.70
34) m 1,2-DICHLOROETHANE	1.216	1.136	1.308	1.206	1.129	1.218	1.202	5.45
35) I 1,4-DIFLUOROBENZENE	-----ISTD-----							
36) m BENZENE		0.721	0.920	0.925	0.829	0.880	0.855	9.86
37) m CYCLOHEXANE		0.467	0.426	0.386	0.338	0.349	0.393	13.66
38) m TRICHLOROETHYLENE	0.351	0.423	0.444	0.458	0.395	0.470	0.424	10.51
39) m 1,2-DICHLOROPROPANE		0.302	0.310	0.317	0.278	0.310	0.303	4.96

Initial Calibration Summary

Page 2 of 2

Job Number: M58258

Sample: MSQ68-ICC68

Account: GEI GEI Consultants, Inc.

Lab FileID: Q1309.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

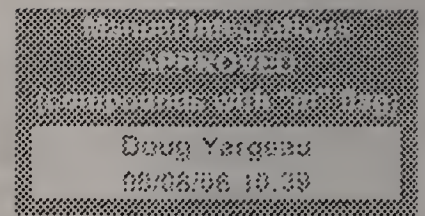
40)	m	BROMODICHLOROMETHAN	0.591	0.685	0.687	0.595	0.691	0.650	7.96
41)	m	2,2,4-TRIMETHYLPENT	1.372	1.772	1.658	1.454	1.582	1.568	10.16
42)	m	1,4-DIOXANE	0.123	0.104	0.149	0.127	0.145	0.129	14.09
43)	m	HEPTANE	0.432	0.542	0.558	0.506	0.563	0.520	10.39
44)	m	METHYL ISOBUTYL KET	0.515	0.553	0.691	0.592	0.661	0.602	12.16
45)	m	cis-1,3-DICHLOROPRO	0.320	0.362	0.440	0.389	0.477	0.398	15.63
46)	m	TOLUENE	0.323	0.463	0.530	0.481	0.585	0.476	20.59
47)	m	trans-1,3-DICHLOROP	0.194	0.214	0.305	0.283	0.343	0.268	23.33
48)	m	1,1,2-TRICHLOROETHA	0.209	0.263	0.259	0.275	0.237	0.274	10.07
49)	I	CHLOROBENZENE-D5	-----ISTD-----						
50)	m	2-HEXANONE	0.553	0.580	0.788	0.682	0.590	0.639	15.13
51)	m	TETRACHLOROETHYLENE	0.447	0.479	0.500	0.506	0.511	0.706	17.51
52)	m	DIBROMOCHLOROMETHAN	0.616	0.649	0.662	0.611	0.741	0.656	7.93
53)	m	1,2-DIBROMOETHANE	0.514	0.512	0.572	0.500	0.609	0.542	8.70
54)	m	CHLOROBENZENE	0.813	0.808	0.812	0.716	0.827	0.795	5.62
55)	m	ETHYLBENZENE	0.976	1.263	1.486	1.437	1.695	1.371	19.64
56)	m	m,p-XYLENE	0.392	0.493	0.552	0.514	0.608	0.512	15.63
57)	m	o-XYLENE	0.377	0.483	0.551	0.529	0.627	0.513	17.96
58)	m	STYRENE	0.369	0.473	0.643	0.649	0.805	0.588	28.92
59)	m	NONANE	0.835	1.174	1.217	1.122	1.314	1.132	15.92
60)	m	BROMOFORM	0.414	0.498	0.577	0.588	0.829	0.581	26.75
61)	S	4-BROMOFLUOROBENZEN	0.404	0.467	0.480	0.538	0.562	0.561	12.50
62)	m	1,1,2,2-TETRACHLORO	0.752	0.837	0.858	0.922	0.868	1.014	10.00
63)	m	ISOPROPYLBENZENE	1.204	1.492	1.685	1.653	2.015	1.610	18.39
64)	m	2-CHLOROTOLUENE	0.823	0.992	1.186	1.182	1.438	1.124	20.58
65)	m	4-ETHYLTOLUENE	0.499	0.583	0.908	1.221	1.245	1.580	41.65
----- Quadratic regression ----- Coefficient = 0.9994									
Response Ratio = -0.01176 + 0.99330 *A + 0.29497 *A^2									
66)	m	1,3,5-TRIMETHYLBENZ	0.802	1.094	1.363	1.377	1.785	1.284	28.48
67)	m	1,2,4-TRIMETHYLBENZ	0.522	0.553	0.875	1.215	1.283	1.664	44.08
----- Quadratic regression ----- Coefficient = 0.9996									
Response Ratio = -0.01412 + 0.97824 *A + 0.34521 *A^2									
68)	m	m-DICHLOROBENZENE	0.436	0.456	0.577	0.622	0.842	0.587	27.83
69)	m	BENZYL CHLORIDE	0.287	0.378	0.302	0.479	0.580	0.783	40.55
----- Quadratic regression ----- Coefficient = 0.9998									
Response Ratio = -0.00710 + 0.38359 *A + 0.20152 *A^2									
70)	m	p-DICHLOROBENZENE	0.498	0.478	0.598	0.615	0.798	0.597	21.28
71)	m	o-DICHLOROBENZENE	0.478	0.454	0.613	0.627	0.807	0.596	23.69
72)	m	HEXACHLOROBUTADIENE	0.547	0.395	0.553	0.568	0.706	0.554	19.89
73)	m	1,2,4-TRICHLOROBENZ	0.130	0.097	0.152	0.152	0.188	0.144	23.09
74)	m	NAPHTHALENE						0.000	-1.00

(#) = Out of Range

Q080706T.m

Tue Aug 08 10:00:44 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:51 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast.Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.685	128	535678	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1241423	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	844819	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	227093	5.32	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	1140523	4.80	PPBV	98
3) PROPYLENE	3.973	41	192356	5.02	PPBV	89
4) FREON 114	4.312	85	1076461	4.86	PPBV	99
5) CHLOROMETHANE	4.212	50	246020	4.29	PPBV	97
6) VINYL CHLORIDE	4.440	62	295807	4.63	PPBV	98
7) 1,3-BUTADIENE	4.576	39	273646	4.96	PPBV	81
8) BROMOMETHANE	4.855	94	306929	4.86	PPBV	98
9) CHLOROETHANE	5.027	64	129389	4.50	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.820	101	1324547	4.78	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	397586	5.57	PPBV	86
12) ACETONE	5.623	43	480463	5.11	PPBV	91
13) PENTANE	6.177	42	296768	4.91	PPBV	86
14) 1,1-DICHLOROETHYLENE	6.461	96	270877	4.65	PPBV	93
15) CARBON DISULFIDE	6.899	76	791433	4.87	PPBV	90
16) ETHANOL	5.118	45	107284	5.20	PPBV	74
17) BROMOETHENE	5.398	106	253683	5.05	PPBV #	88
18) METHYLENE CHLORIDE	6.582	84	249100	3.64	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	400196	4.97	PPBV #	72
20) FREON 113	6.841	151	702736	5.09	PPBV #	80
21) TRANS-1,2-DICHLOROETHY...	7.514	96	282538	4.71	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.472	59	546486	6.18	PPBV	86
23) METHYL TERTIARY BUTYL ...	7.755	73	761312	5.29	PPBV	91
24) TETRAHYDROFURAN	9.194	42	181494	5.54	PPBV	83
25) HEXANE	8.717	57	449684	4.74	PPBV #	85
26) VINYL ACETATE	7.831	43	756299	5.36	PPBV	95
27) 1,1-DICHLOROETHANE	7.709	63	649705	4.94	PPBV	96
28) METHYL ETHYL KETONE	8.076	43	593911	5.07	PPBV	91
29) cis-1,2-DICHLOROETHYLENE	8.522	96	322226	4.81	PPBV #	89
30) ETHYL ACETATE	8.715	43	1006394	4.96	PPBV	99
31) CHLOROFORM	8.804	83	875228	5.19	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.760	97	548846	4.96	PPBV	98
33) CARBON TETRACHLORIDE	10.348	117	609657	4.80	PPBV	99
34) 1,2-DICHLOROETHANE	9.515	62	322910	4.98	PPBV	95
36) BENZENE	10.202	78	573857	5.45	PPBV	93
37) CYCLOHEXANE	10.469	84	239882	4.79	PPBV #	71
38) TRICHLOROETHYLENE	11.200	95	284555	5.51	PPBV	93
39) 1,2-DICHLOROPROPANE	10.978	63	196875	5.25	PPBV	89
40) BROMODICHLOROMETHANE	11.162	83	426460	5.37	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	1029084	5.30	PPBV	98
42) 1,4-DIOXANE	11.189	88	92642	5.63	PPBV #	82
43) HEPTANE	11.461	43	346446	5.48	PPBV	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:51 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration

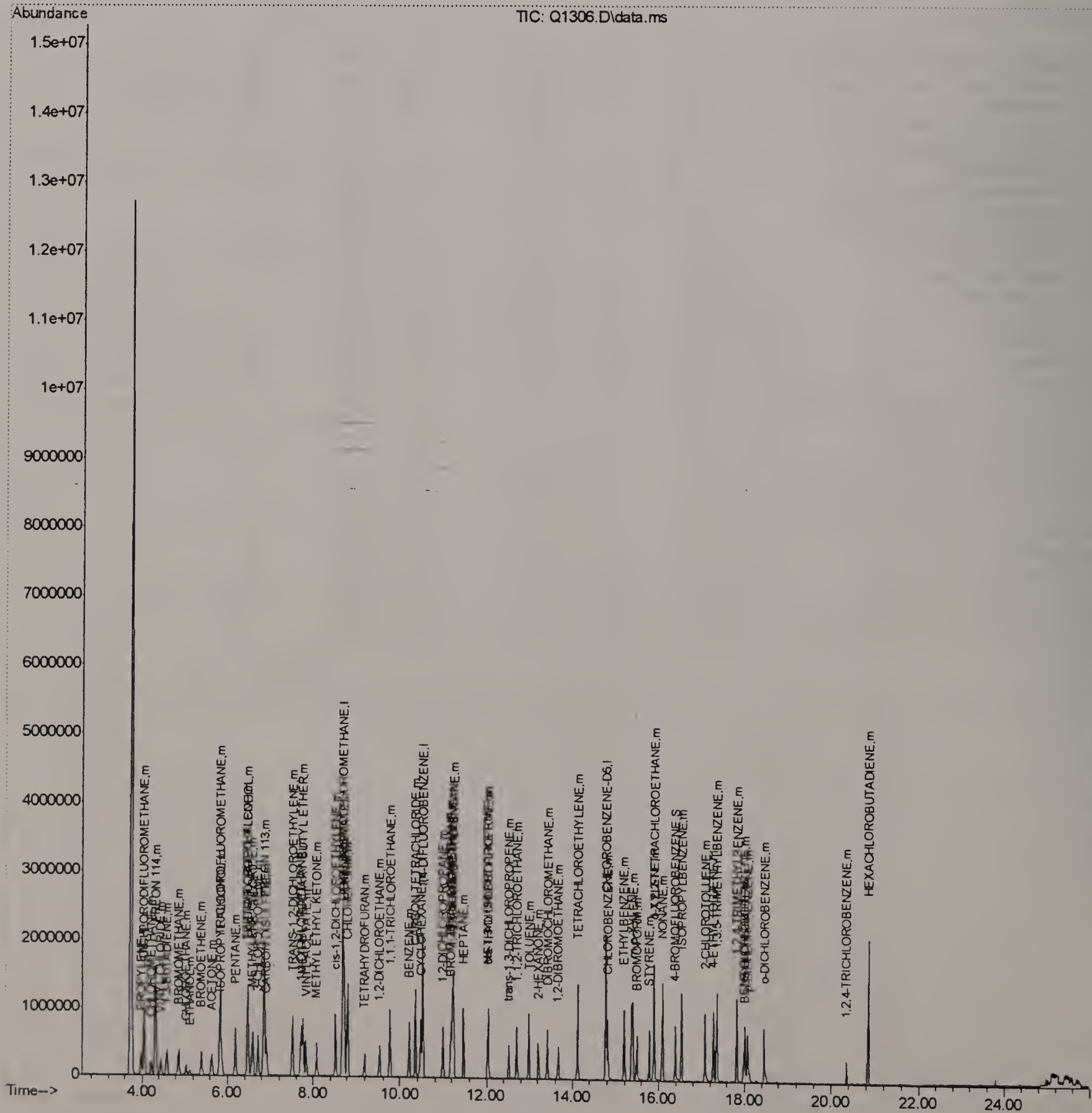
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	429062	5.88	PPBV	97
45) cis-1,3-DICHLOROPROPENE	12.018	75	273357	5.82	PPBV	93
46) TOLUENE	12.982	92	328839	5.90	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.517	75	189193	6.12	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.705	83	170815	5.52	PPBV	96
50) 2-HEXANONE	13.203	43	332778	6.03	PPBV	97
51) TETRACHLOROETHYLENE	14.119	164	213622	5.18	PPBV	94
52) DIBROMOCHLOROMETHANE	13.408	129	279555	5.21	PPBV	99
53) 1,2-DIBROMOETHANE	13.658	107	241721	5.45	PPBV	100
54) CHLOROBENZENE	14.810	112	342801	5.16	PPBV	94
55) ETHYLBENZENE	15.188	91	627568	5.76	PPBV	99
56) m,p-XYLENE	15.385	106	466201m	11.29	PPBV	
57) o-XYLENE	15.883	106	232620	5.60	PPBV	99
58) STYRENE	15.764	104	271769	5.96	PPBV	96
59) NONANE	16.084	43	513931	5.55	PPBV	90
60) BROMOFORM	15.480	173	243750	4.94	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	389441	5.28	PPBV	96
63) ISOPROPYLBENZENE	16.526	105	711679	5.58	PPBV	96
64) 2-CHLOROTOLUENE	17.078	91	500832	5.90	PPBV	97
65) 4-ETHYLTOLUENE	17.264	105	515610	6.10	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.346	105	575603	5.76	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	513287	6.04	PPBV	97
68) m-DICHLOROBENZENE	17.990	146	243586	5.44	PPBV	99
69) BENZYL CHLORIDE	17.972	91	202244	5.26	PPBV	98
70) p-DICHLOROBENZENE	18.066	146	252557	5.48	PPBV	84
71) o-DICHLOROBENZENE	18.453	146	259147	5.65	PPBV	97
72) HEXACHLOROBUTADIENE	20.842	225	233773	5.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.356	180	64373	5.71	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path : C:\msdchem\1\DATA\  
Data File : Q1306.D  
Acq On    : 7 Aug 2006    1:05 pm  
Operator   : PhilipB  
Sample     : IC68-5 (M140)  
Misc      : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
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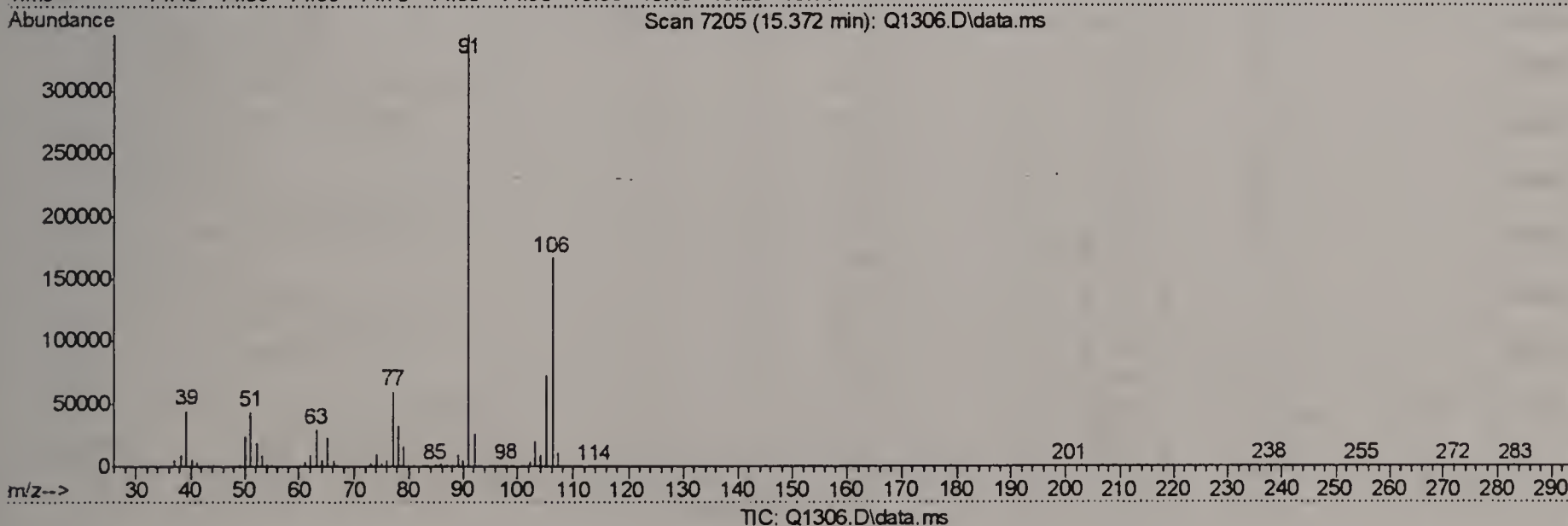
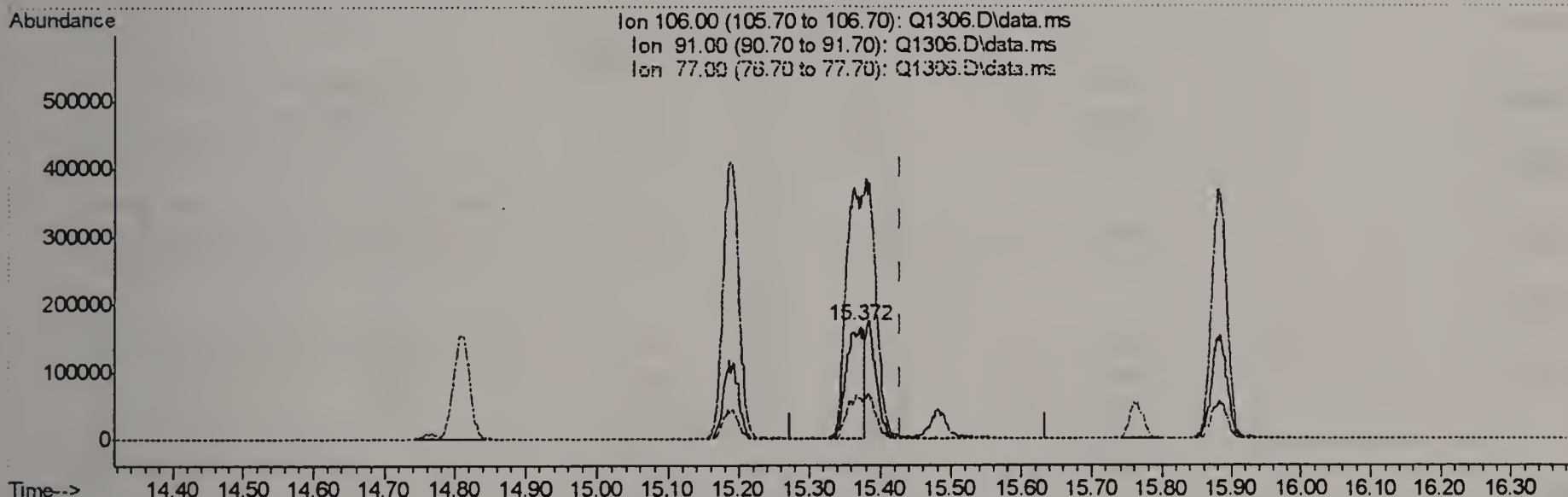
Quant Time: Aug 07 18:43:51 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:06:23 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.372min (-0.057) 6.67PPBV

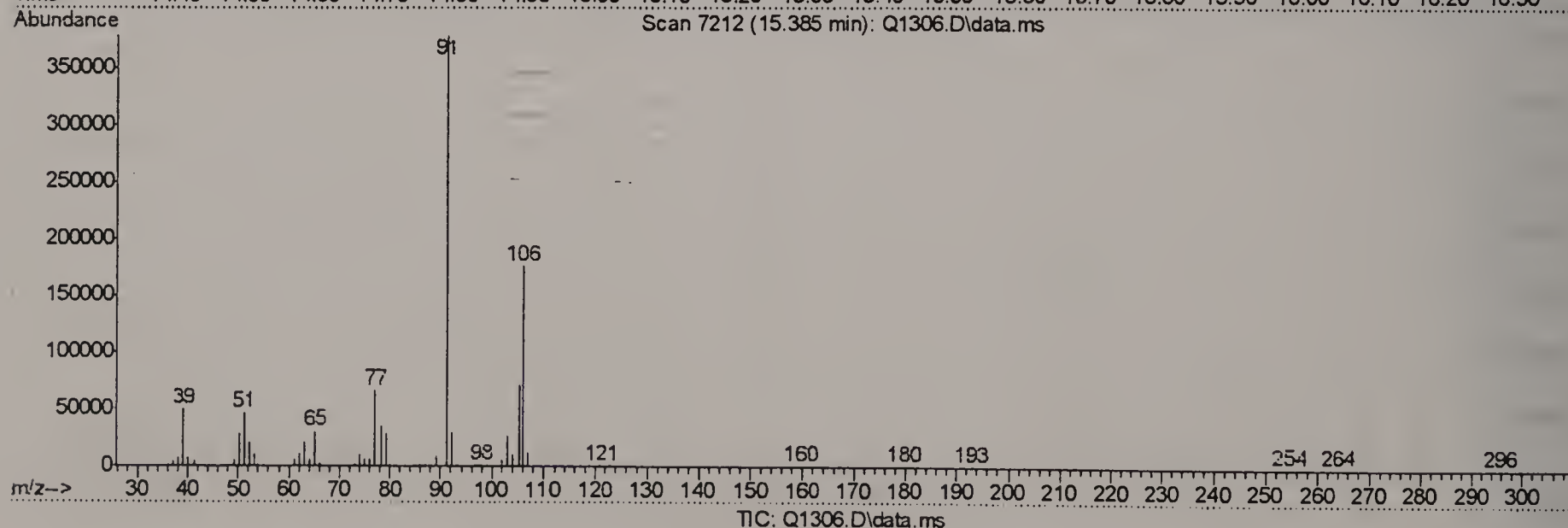
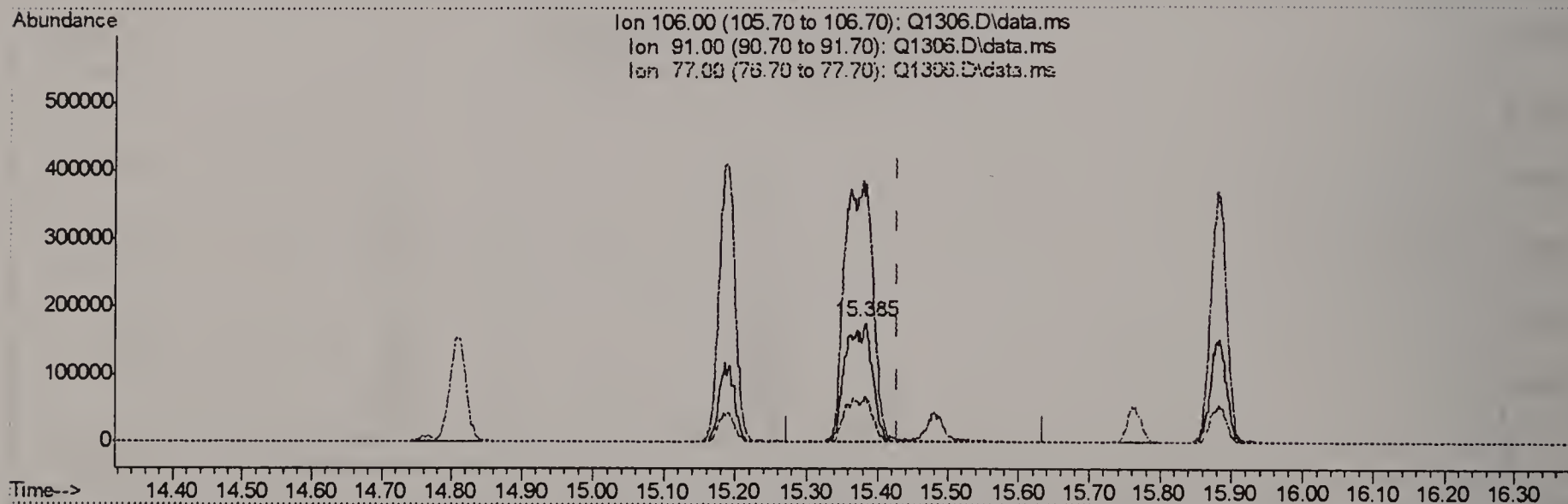
response 275213

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	206.90
77.00	31.80	35.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration

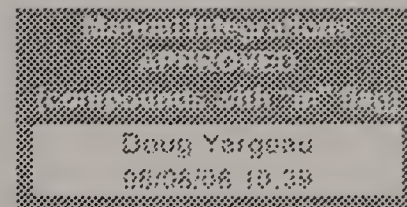


(56) m,p-XYLENE (m)

15.385min (-0.044) 11.29PPBV m

response 466201

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	214.61
77.00	31.80	37.49
0.00	0.00	0.00



Data Path : C:\msdchem\1\DATA\
Data File : Q1307.D
Acq On : 7 Aug 2006 2:44 pm
Operator : PhilipB
Sample : IC68-2 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:22 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:44:01 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.680	128	466770	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1135344	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	738300	10.00	PPBV	-0.05

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE		16.382	95	177124	4.75	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	95.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	474366	2.29	PPBV	99
3) PROPYLENE	3.969	41	76165	2.28	PPBV	91
4) FREON 114	4.307	85	440437	2.28	PPBV	97
5) CHLOROMETHANE	4.213	50	102590	2.05	PPBV	91
6) VINYL CHLORIDE	4.440	62	119815	2.15	PPBV	93
7) 1,3-BUTADIENE	4.575	39	110082	2.29	PPBV #	63
8) BROMOMETHANE	4.851	94	125479	2.28	PPBV	98
9) CHLOROETHANE	5.025	64	51881	2.07	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.822	101	540708	2.24	PPBV	99
11) ISOPROPYL ALCOHOL	5.859	45	122438	1.97	PPBV	80
12) ACETONE	5.623	43	165921	2.03	PPBV	84
13) PENTANE	6.183	42	119459	2.27	PPBV	84
14) 1,1-DICHLOROETHYLENE	6.466	96	107227	2.11	PPBV	92
15) CARBON DISULFIDE	6.896	76	326238	2.30	PPBV	90
16) ETHANOL	5.118	45	34473	1.92	PPBV	77
17) BROMOETHENE	5.393	106	100258	2.29	PPBV #	89
18) METHYLENE CHLORIDE	6.573	84	106160	1.78	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	155792	2.22	PPBV #	69
20) FREON 113	6.843	151	269957	2.24	PPBV	88
21) TRANS-1,2-DICHLOROETHY...	7.510	96	117974	2.26	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.465	59	165592	2.15	PPBV	79
23) METHYL TERTIARY BUTYL ...	7.757	73	243346	1.94	PPBV	83
24) TETRAHYDROFURAN	9.198	42	52265	1.83	PPBV	78
25) HEXANE	8.715	57	180756	2.19	PPBV #	81
26) VINYL ACETATE	7.831	43	241834	1.97	PPBV	88
27) 1,1-DICHLOROETHANE	7.714	63	252834	2.21	PPBV	94
28) METHYL ETHYL KETONE	8.080	43	200812	1.97	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.520	96	123708	2.12	PPBV	94
30) ETHYL ACETATE	8.712	43	362349	2.05	PPBV #	96
31) CHLOROFORM	8.800	83	355202	2.42	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.760	97	220828	2.29	PPBV	99
33) CARBON TETRACHLORIDE	10.346	117	240711	2.18	PPBV	100
34) 1,2-DICHLOROETHANE	9.519	62	122129	2.16	PPBV	97
36) BENZENE	10.206	78	208841	2.17	PPBV	92
37) CYCLOHEXANE	10.470	84	96684	2.11	PPBV #	69
38) TRICHLOROETHYLENE	11.205	95	100867	2.13	PPBV	92
39) 1,2-DICHLOROPROPANE	10.983	63	70423	2.06	PPBV	88
40) BROMODICHLOROMETHANE	11.166	83	155554	2.14	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	402474	2.27	PPBV	99
42) 1,4-DIOXANE	11.194	88	23522	1.56	PPBV #	66
43) HEPTANE	11.459	43	123005	2.13	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1307.D
Acq On : 7 Aug 2006 2:44 pm
Operator : PhilipB
Sample : IC68-2 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:22 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:44:01 2006
Response via : Initial Calibration

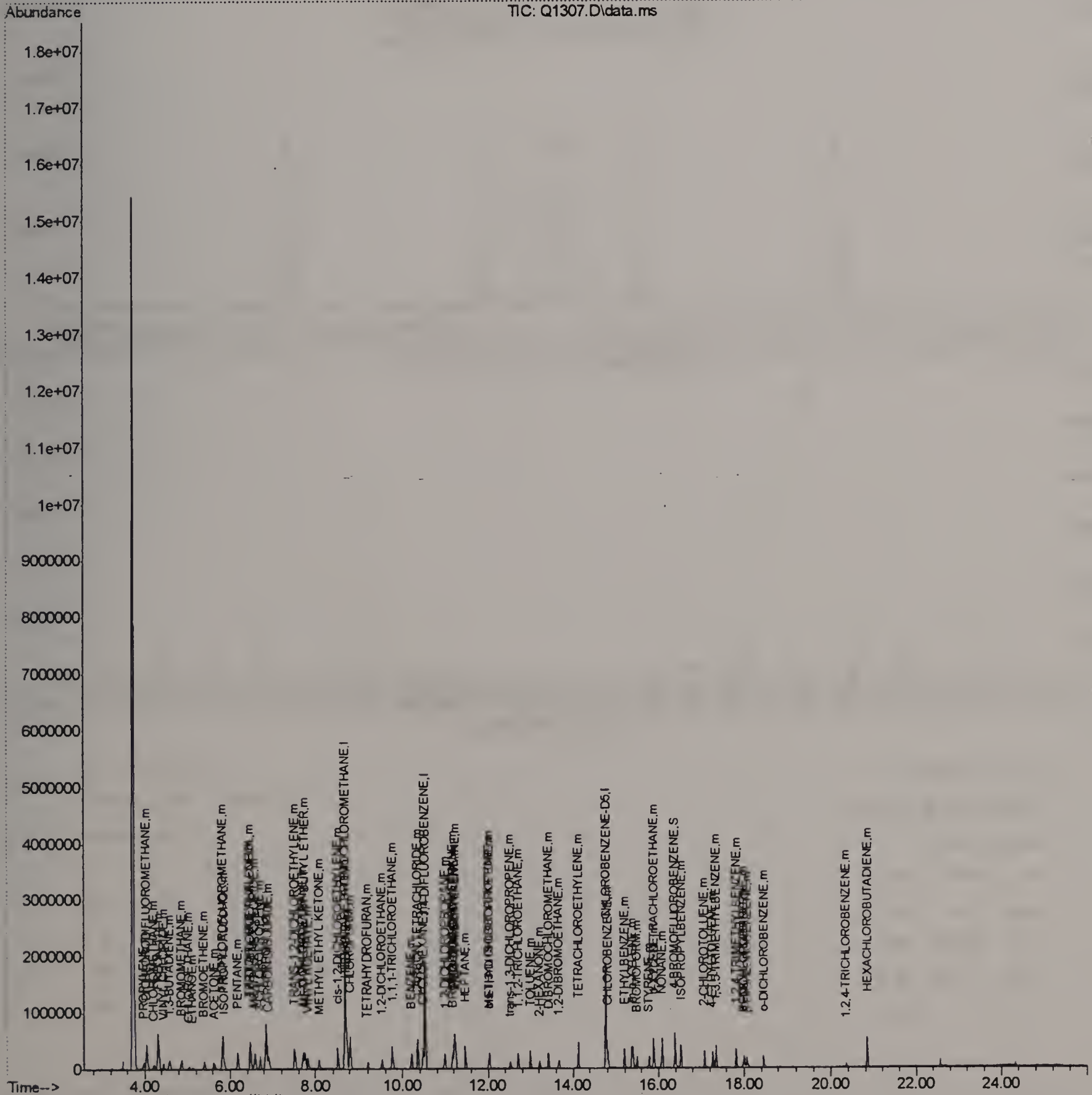
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.037	43	125620	1.88	PPBV	95
45) cis-1,3-DICHLOROPROPENE	12.016	75	82277	1.92	PPBV	94
46) TOLUENE	12.983	92	105059	2.06	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.524	75	48685	1.72	PPBV	93
48) 1,1,2-TRICHLOROETHANE	12.701	83	58725	2.07	PPBV	96
50) 2-HEXANONE	13.202	43	85578	1.77	PPBV	93
51) TETRACHLOROETHYLENE	14.116	164	73823	2.05	PPBV	93
52) DIBROMOCHLOROMETHANE	13.408	129	95877	2.05	PPBV	99
53) 1,2-DIBROMOETHANE	13.658	107	75595	1.95	PPBV	100
54) CHLOROBENZENE	14.810	112	119301	2.05	PPBV	97
55) ETHYLBENZENE	15.189	91	186514	1.96	PPBV	98
56) m,p-XYLENE	15.360	106	145470m	4.03	PPBV	
57) o-XYLENE	15.880	106	71289	1.96	PPBV	99
58) STYRENE	15.757	104	69781	1.75	PPBV	96
59) NONANE	16.079	43	173425	2.14	PPBV	89
60) BROMOFORM	15.482	173	73545	1.75	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	126735	1.97	PPBV	95
63) ISOPROPYLBENZENE	16.524	105	220351	1.98	PPBV	95
64) 2-CHLOROTOLUENE	17.074	91	146437	1.97	PPBV	98
65) 4-ETHYLTOLUENE	17.261	105	134067	1.82	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.344	105	161525	1.85	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	129167	1.74	PPBV	97
68) m-DICHLOROBENZENE	17.997	146	67369m	1.74	PPBV	
69) BENZYL CHLORIDE	17.976	91	44603m	1.38	PPBV	
70) p-DICHLOROBENZENE	18.065	146	70621m	1.75	PPBV	
71) o-DICHLOROBENZENE	18.450	146	67024m	1.67	PPBV	
72) HEXACHLOROBUTADIENE	20.840	225	58326	1.53	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.352	180	14366	1.46	PPBV	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1307.D
Acq On : 7 Aug 2006 2:44 pm
Operator : PhilipB
Sample : IC68-2 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

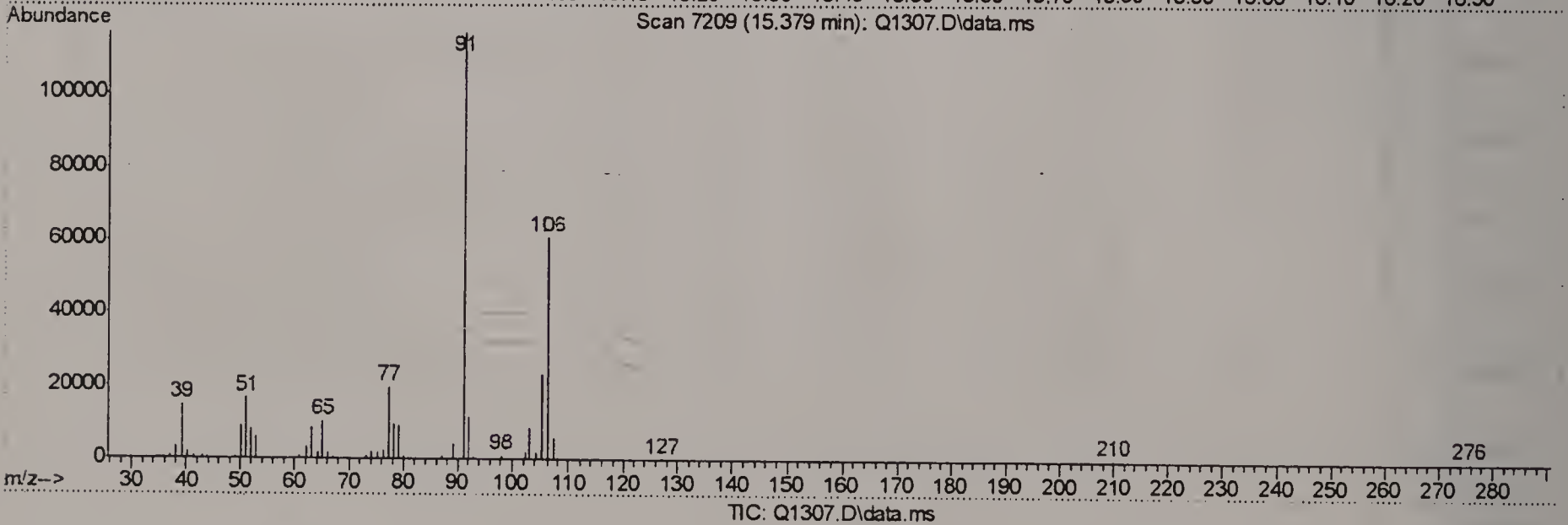
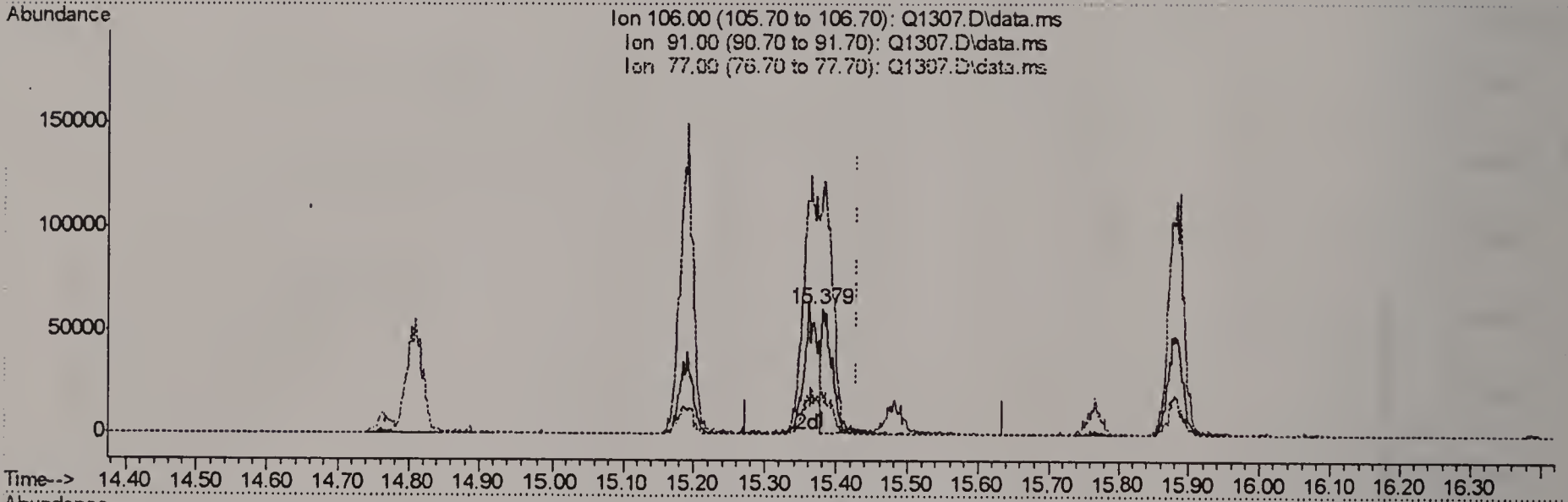
Quant Time: Aug 07 18:45:22 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:44:01 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.379min (-0.050) 1.66PPBV

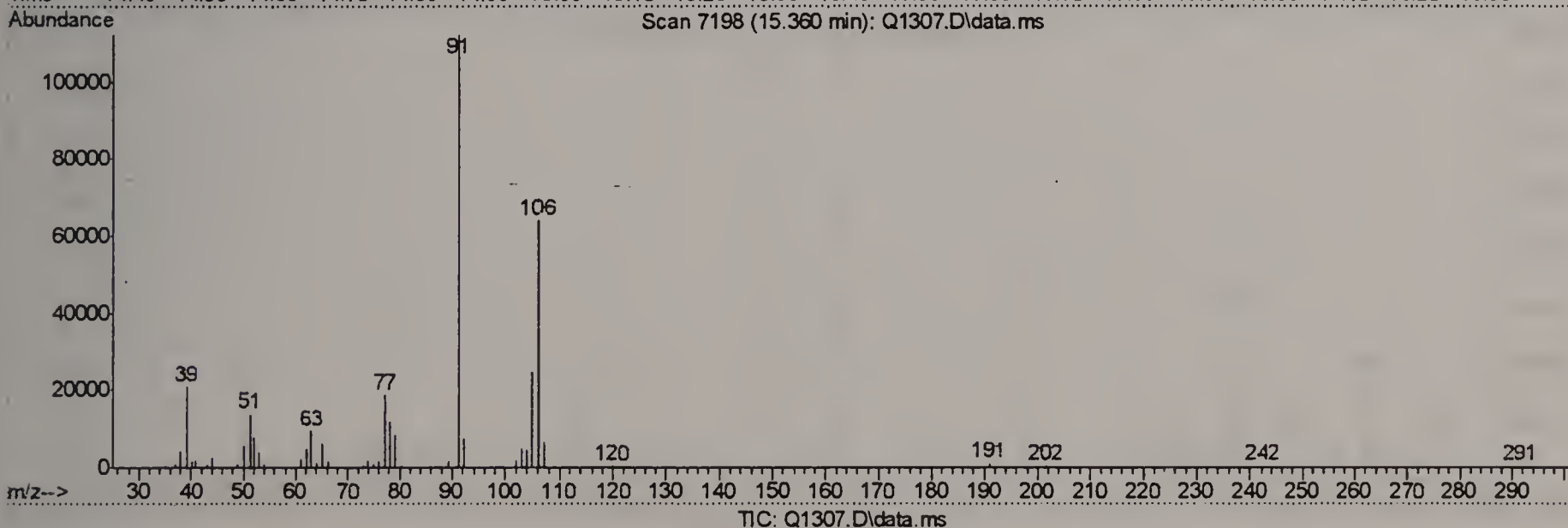
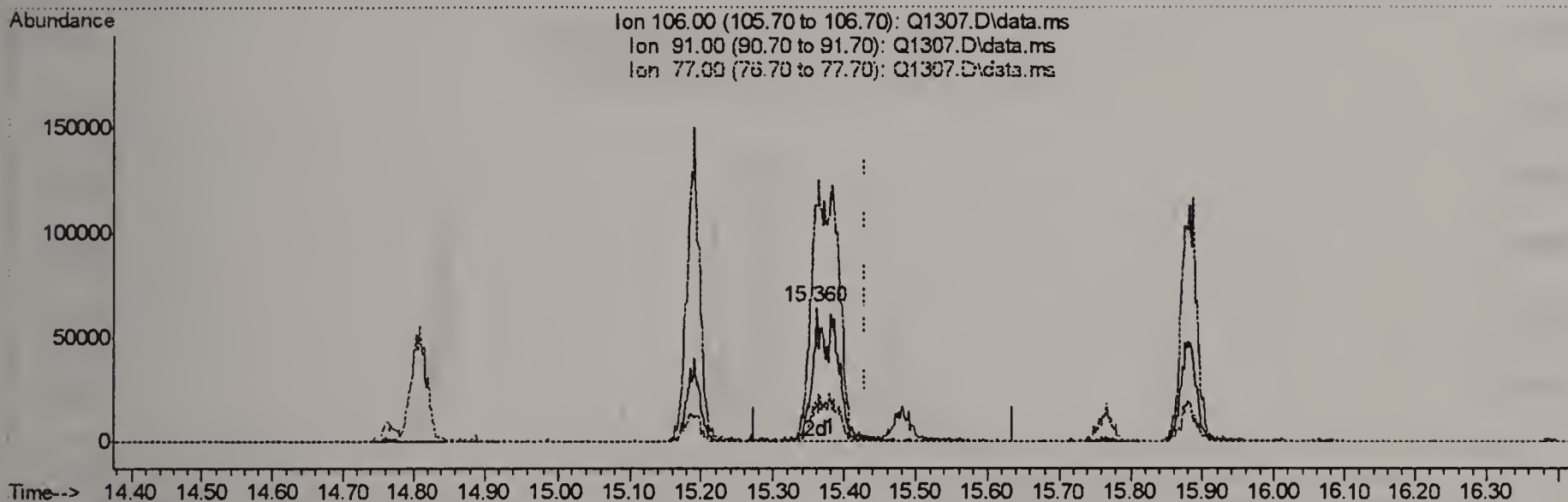
response 59940

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	192.32
77.00	31.80	32.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.360min (-0.069) 4.03PPBV m

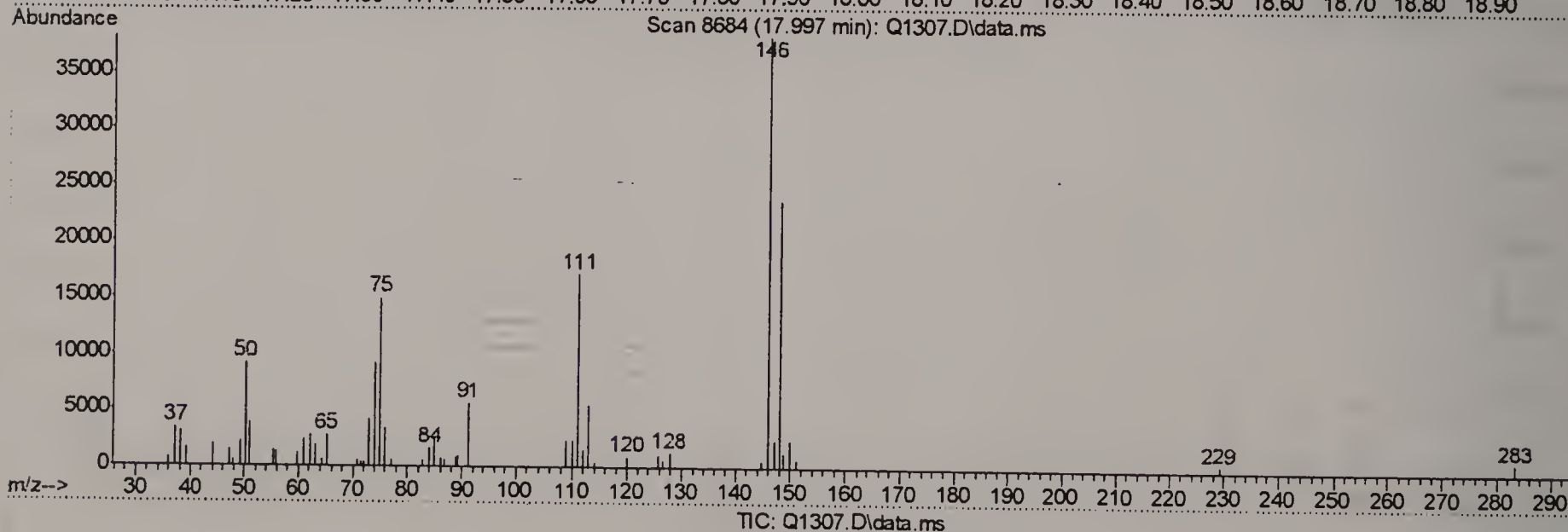
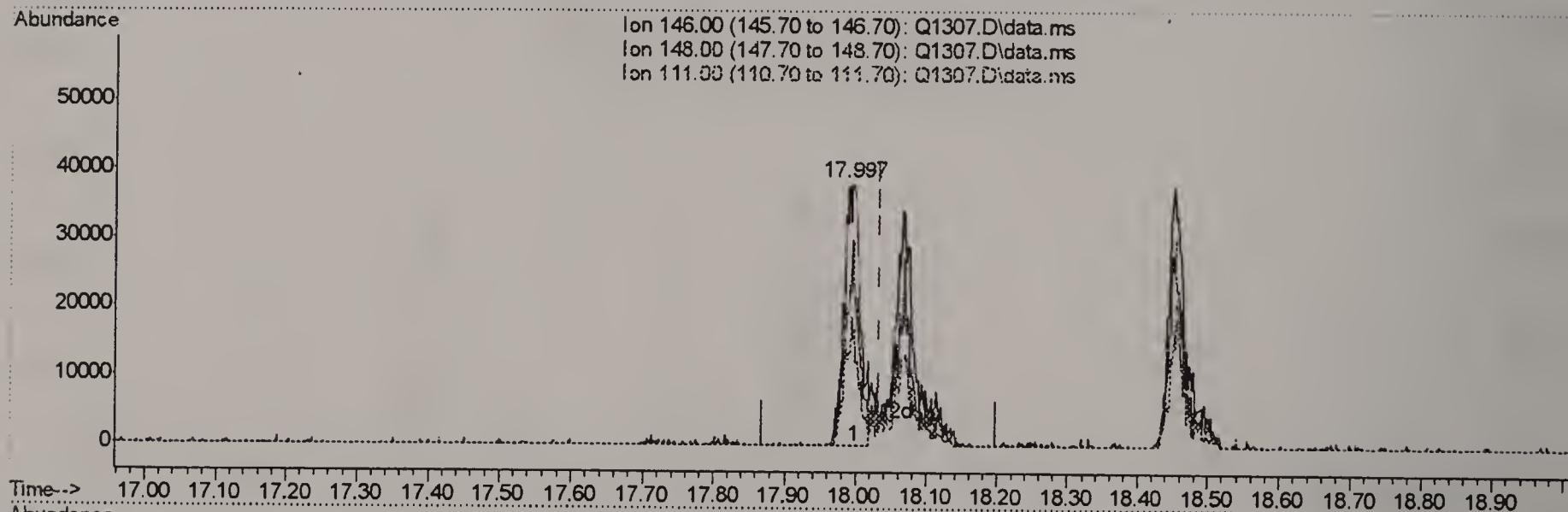
response 145470

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	174.91#
77.00	31.80	29.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.997min (-0.037) 1.60PPBV

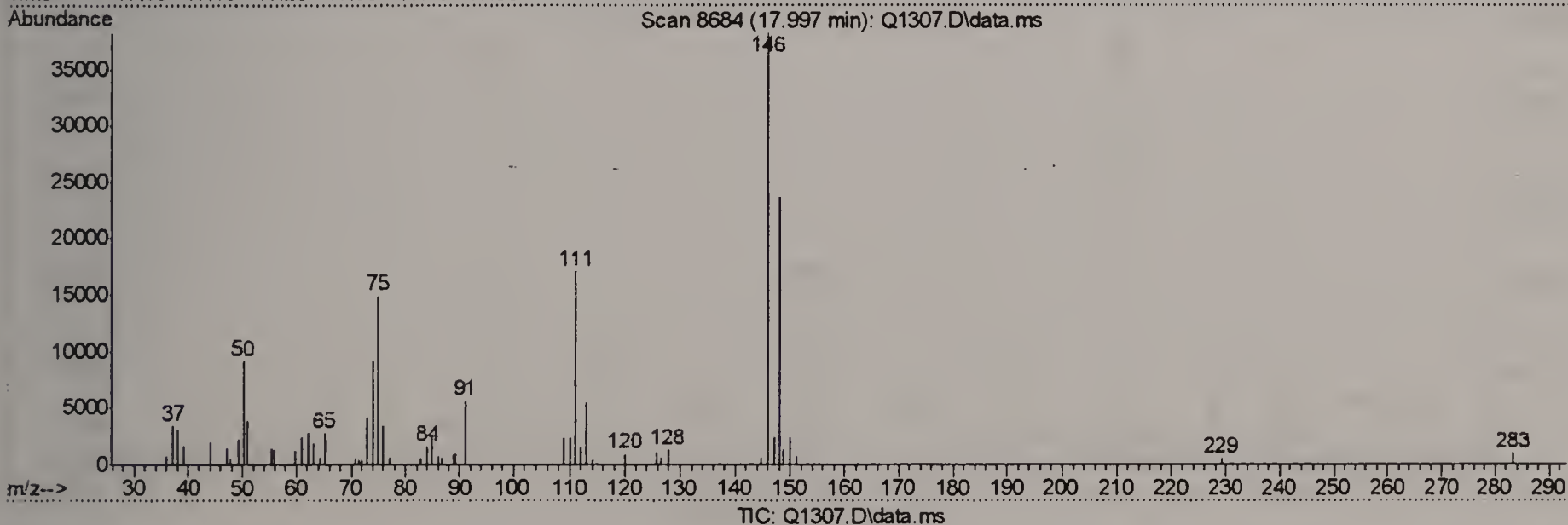
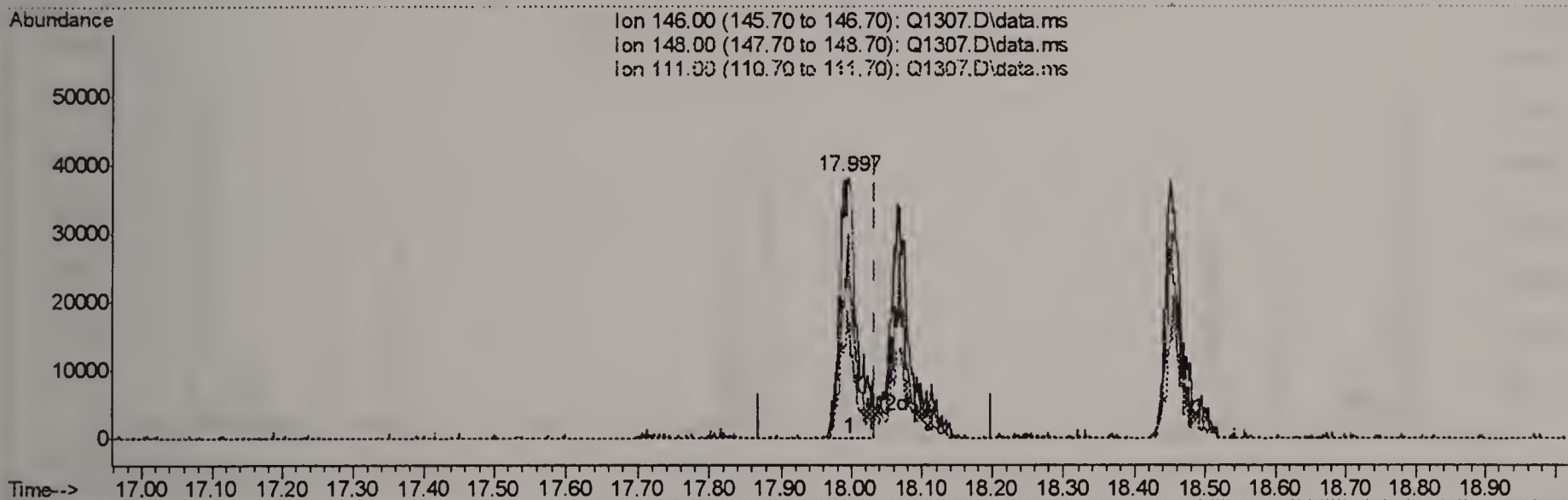
response 61851

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	70.85
111.00	44.00	41.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.997min (-0.037) 1.74PPBV m

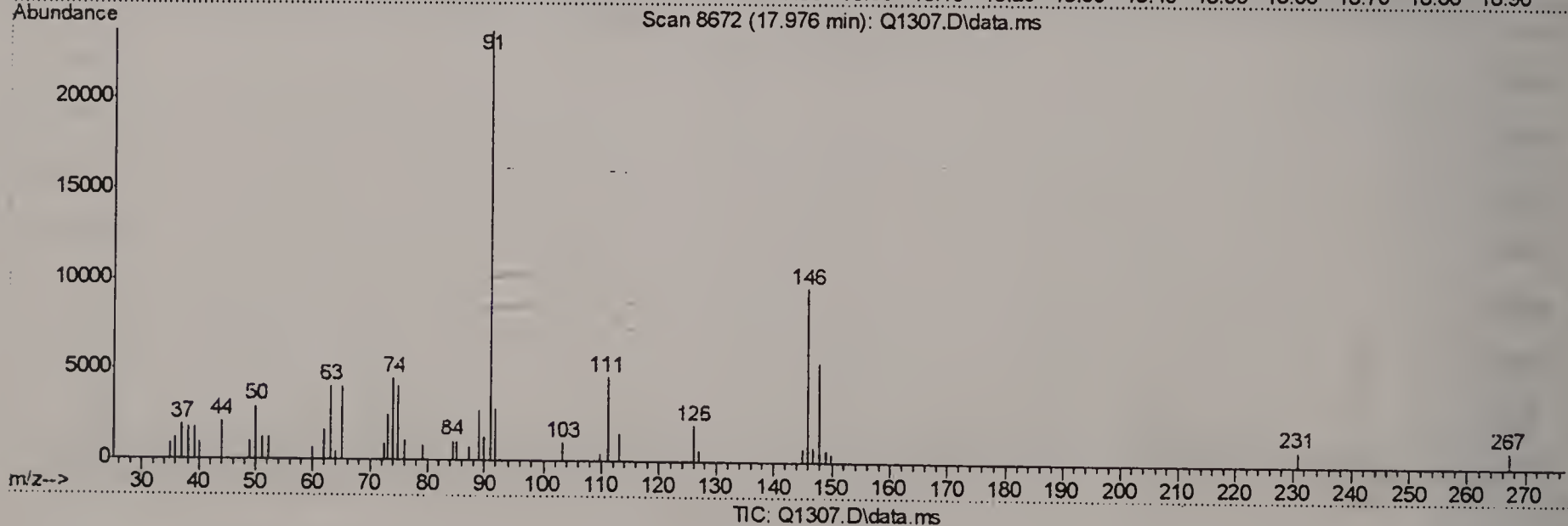
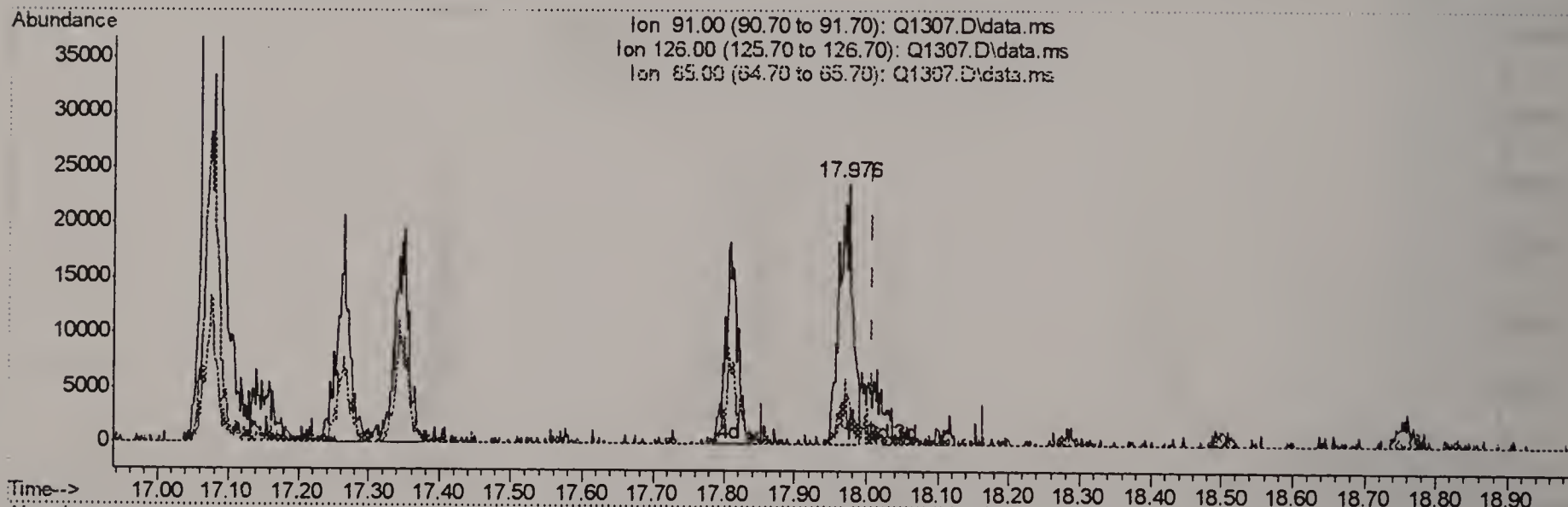
response 67369

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	65.05
111.00	44.00	38.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.976min (-0.033) 0.97PPBV

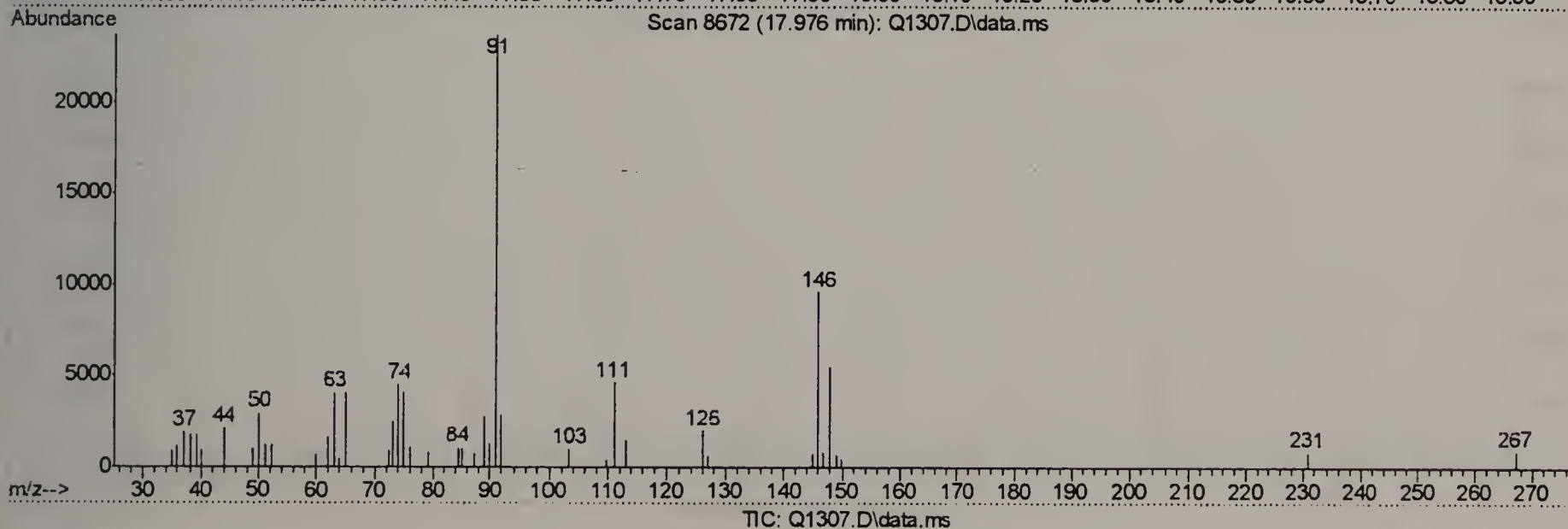
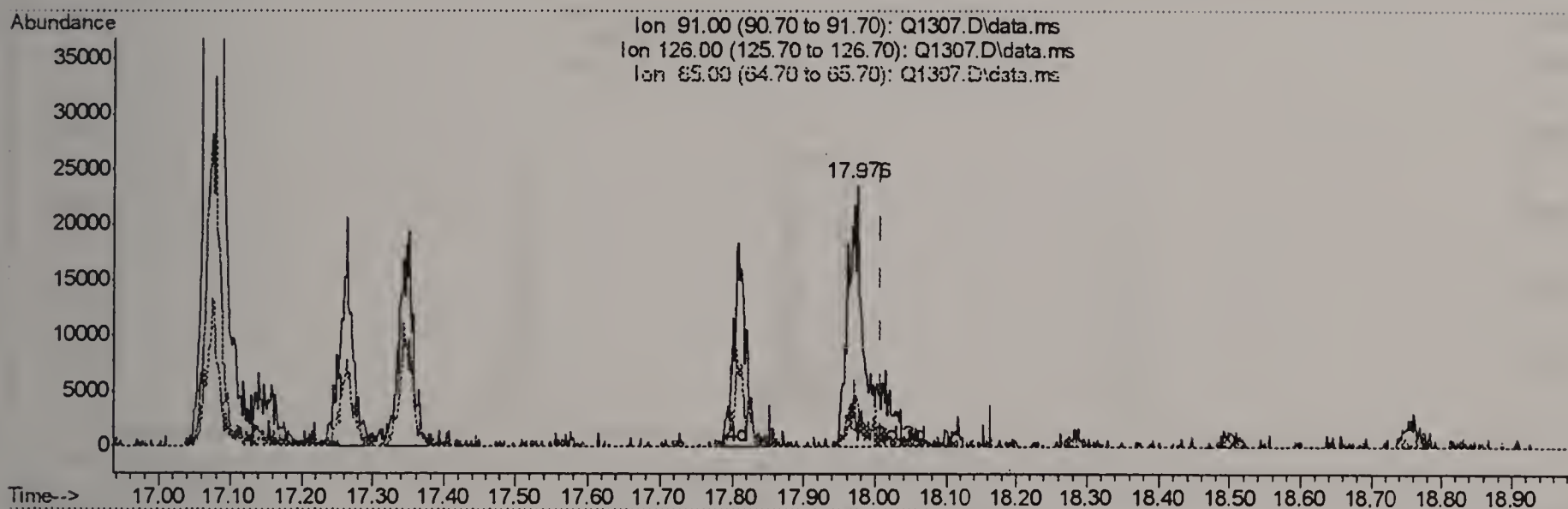
response 31409

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	9.02
65.00	14.40	17.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.976min (-0.033) 1.38PPBV m

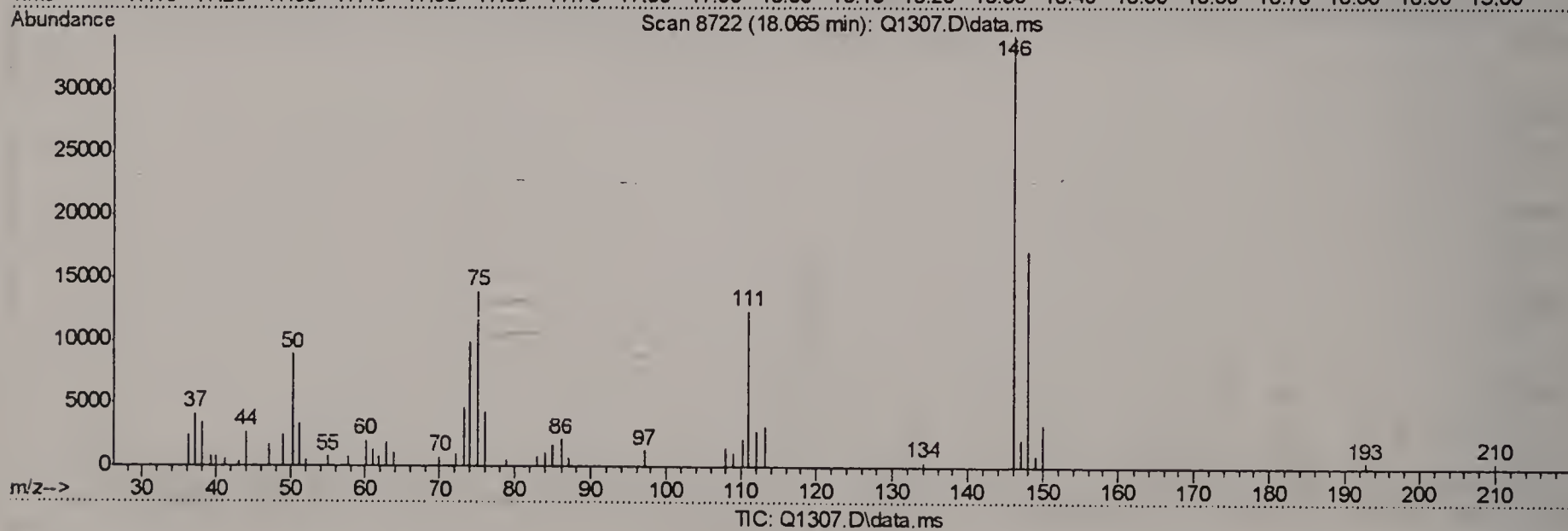
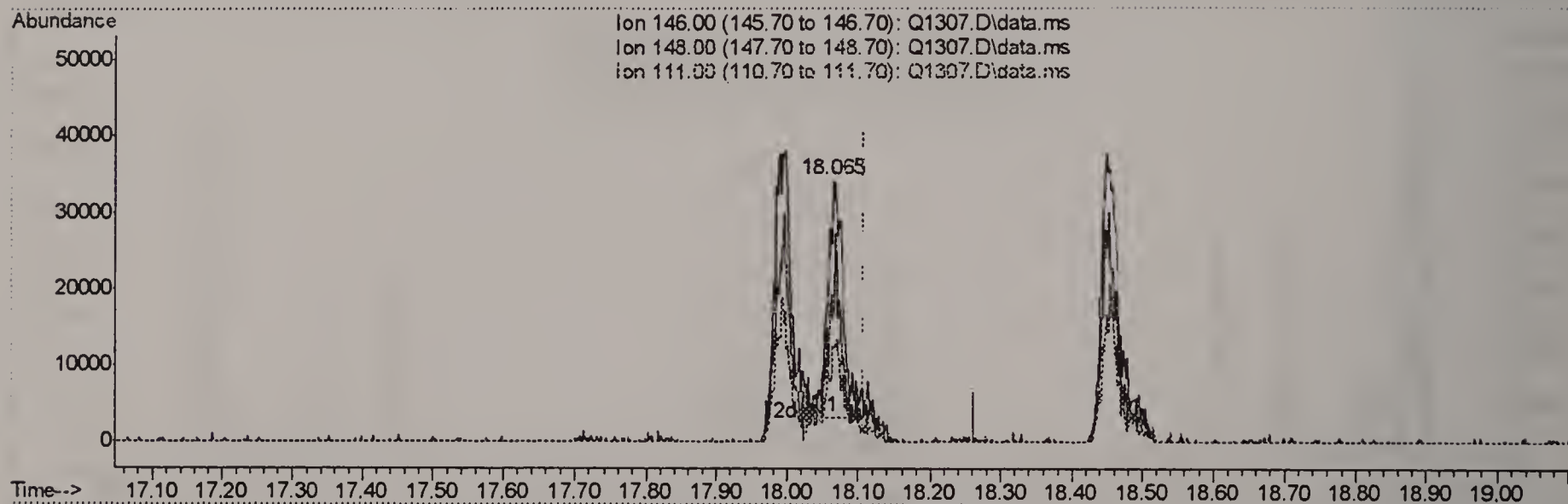
response 44603

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	6.35
65.00	14.40	12.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.065min (-0.042) 1.10PPBV

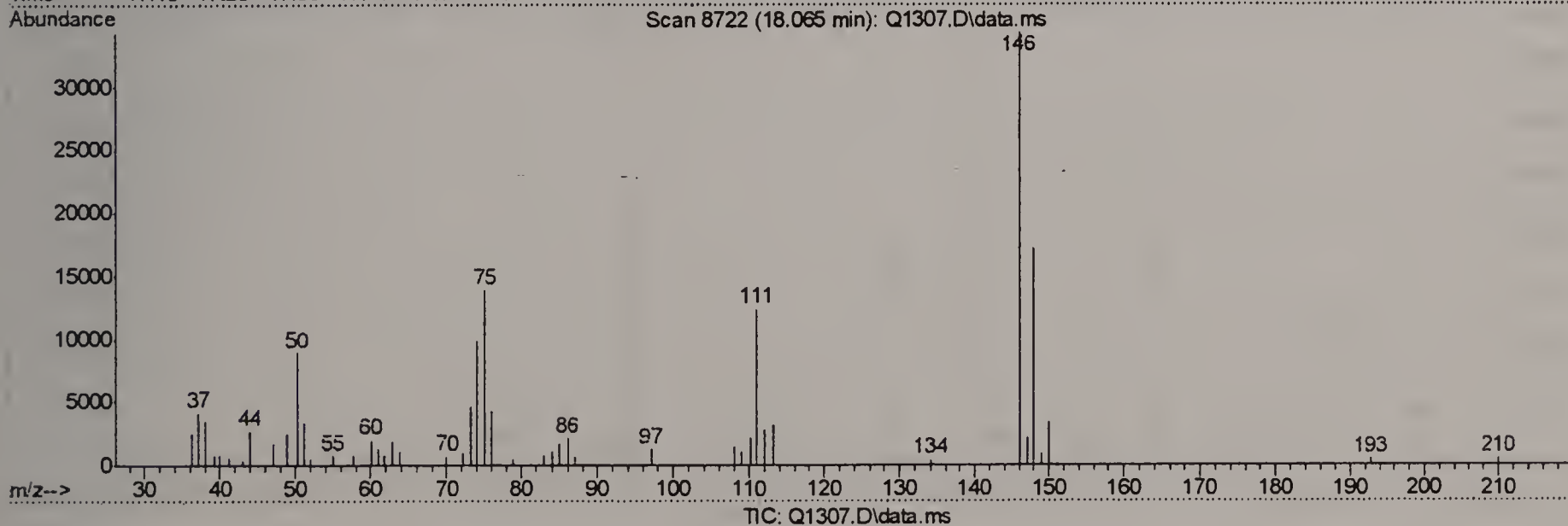
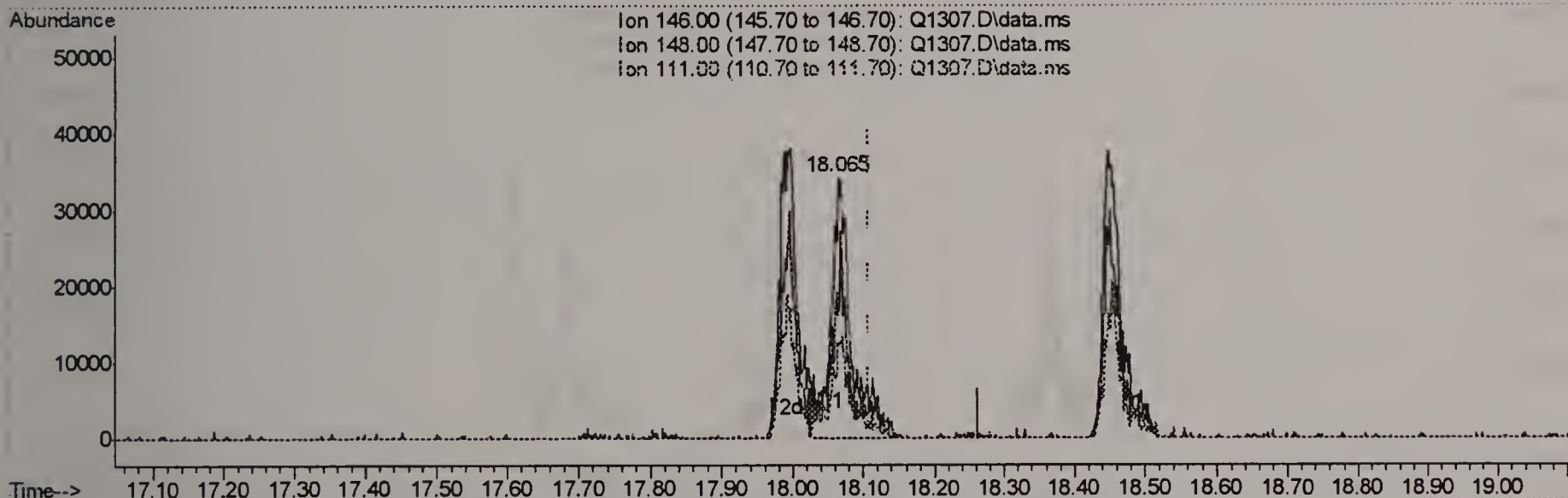
response 44260

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	56.87
111.00	42.40	31.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.065min (-0.042) 1.75PPBV m

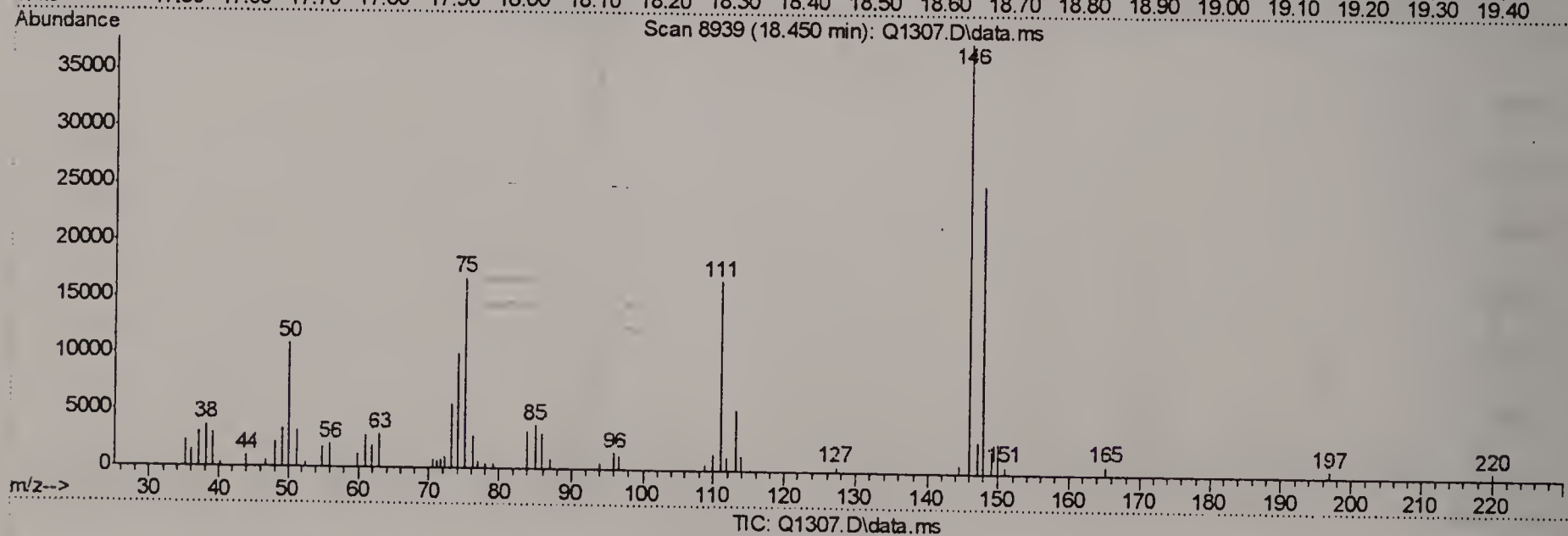
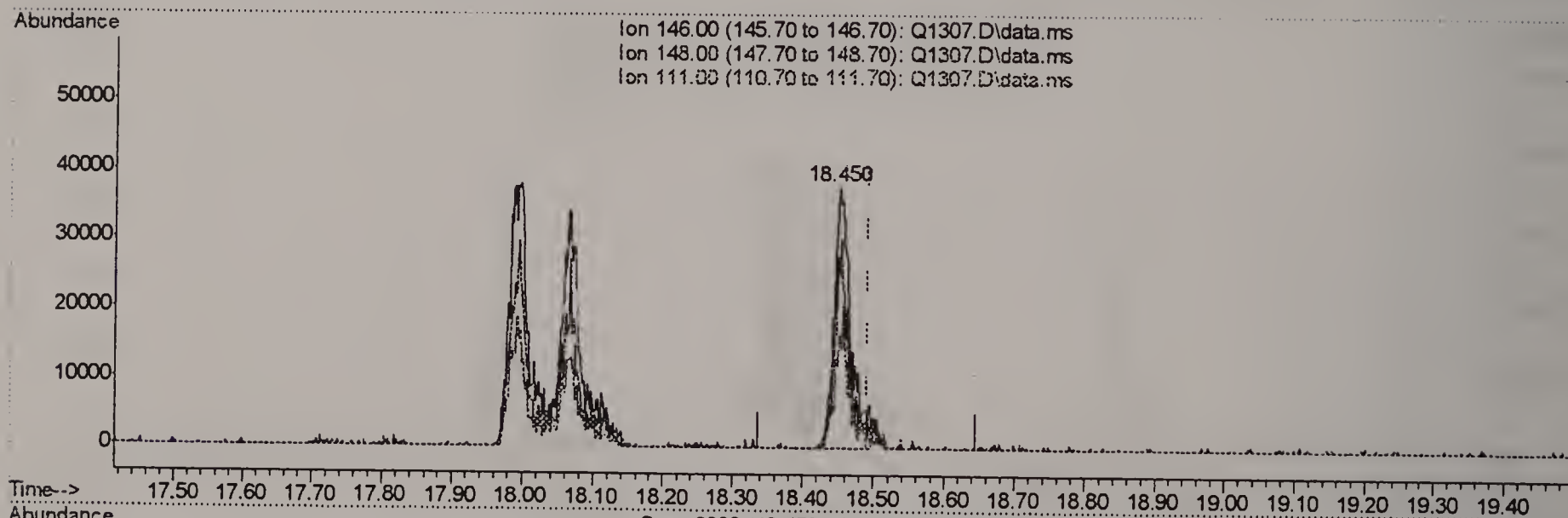
response 70621

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	35.64#
111.00	42.40	19.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 μ m
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.450min (-0.042) 1.59PPBV

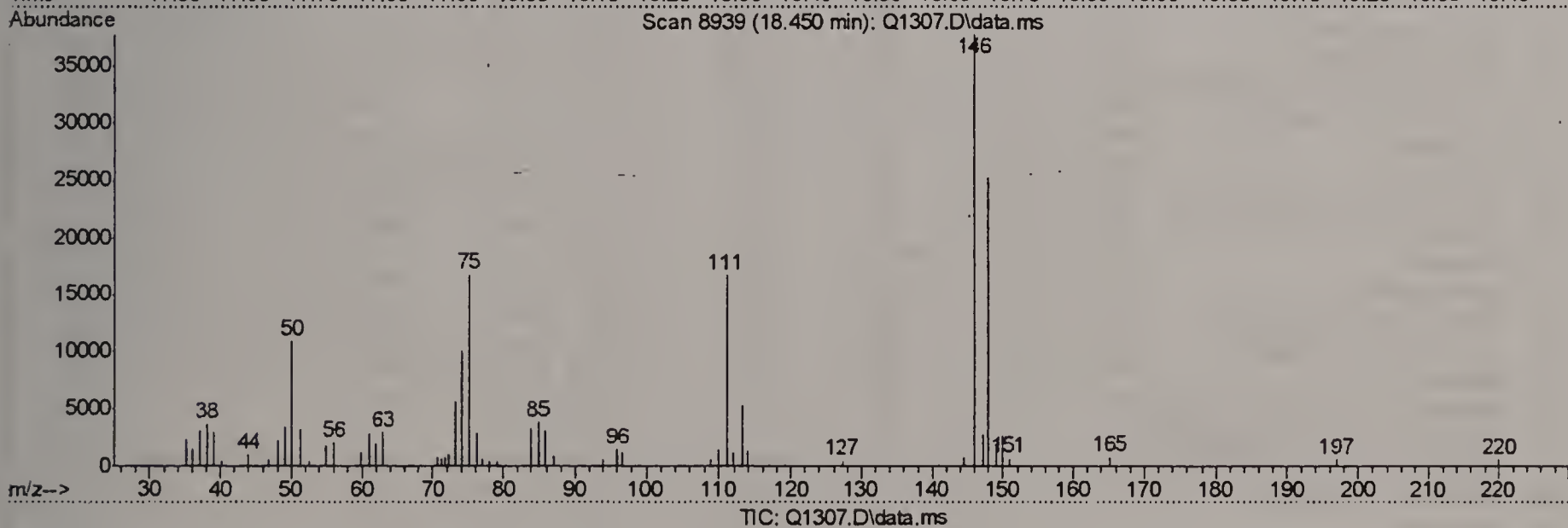
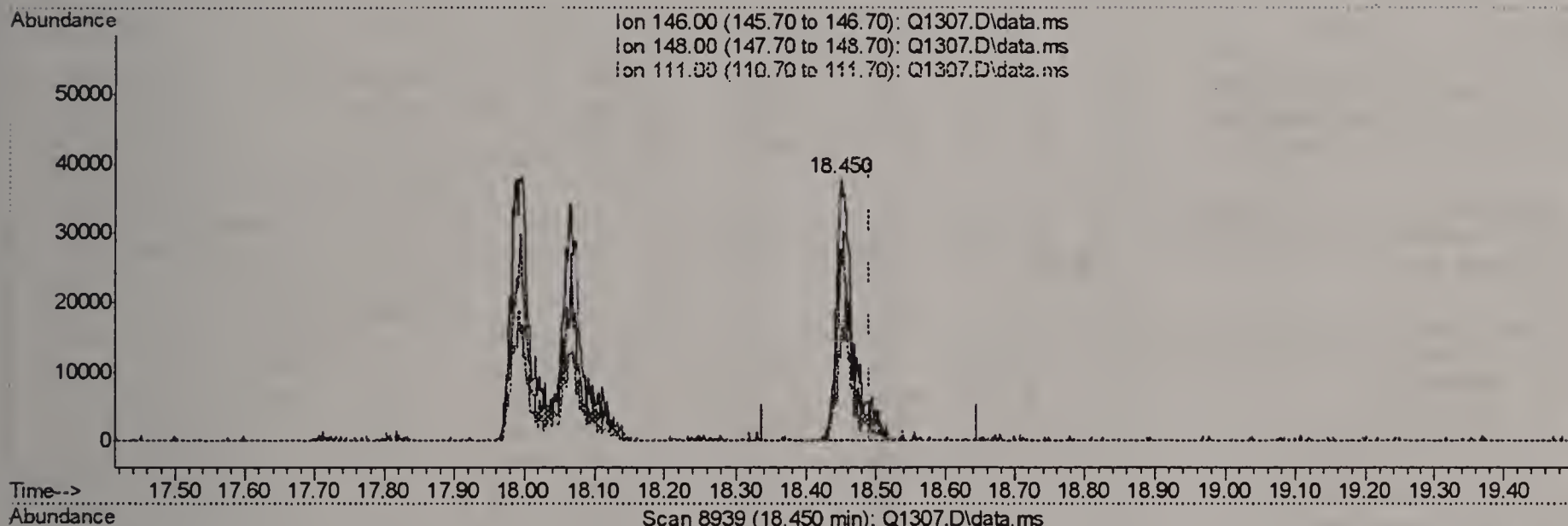
response 63818

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	62.97
111.00	45.70	46.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



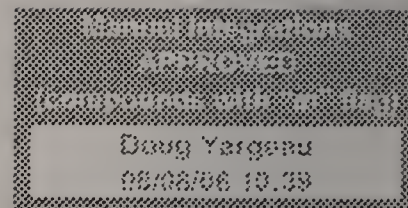
(71) o-DICHLOROBENZENE (m)

18.450min (-0.042) 1.67PPBV m

response 67024

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	59.96
111.00	45.70	44.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:19 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	543338	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1237069	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	761409	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.382	95	177761m	4.77	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	95.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.038	85	138358	0.57	PPBV	76
3) PROPYLENE	3.975	41	20716m	0.53	PPBV	
4) FREON 114	4.310	85	122546	0.55	PPBV	98
5) CHLOROMETHANE	4.216	50	28925	0.50	PPBV	78
6) VINYL CHLORIDE	4.431	62	33497	0.52	PPBV	95
7) 1,3-BUTADIENE	4.578	39	29450	0.53	PPBV #	26
8) BROMOMETHANE	4.857	94	35327	0.55	PPBV	93
9) CHLOROETHANE	5.031	64	14026	0.48	PPBV #	65
10) TRICHLOROFLUOROMETHANE	5.826	101	155866	0.55	PPBV	96
11) ISOPROPYL ALCOHOL	5.863	45	37446	0.52	PPBV	88
12) ACETONE	5.629	43	52976	0.56	PPBV	90
13) PENTANE	6.181	42	33015	0.54	PPBV #	77
14) 1,1-DICHLOROETHYLENE	6.463	96	29739	0.50	PPBV	98
15) CARBON DISULFIDE	6.899	76	86616	0.53	PPBV	88
16) ETHANOL	5.121	45	12583m	0.60	PPBV	
17) BROMOETHENE	5.400	106	25922	0.51	PPBV #	84
18) METHYLENE CHLORIDE	6.575	84	35391	0.51	PPBV #	80
19) 3-CHLOROPROPENE	6.695	39	40819m	0.50	PPBV	
20) FREON 113	6.841	151	68485	0.49	PPBV #	83
21) TRANS-1,2-DICHLOROETHY...	7.515	96	30072m	0.49	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.472	59	50689	0.57	PPBV #	72
23) METHYL TERTIARY BUTYL ...	7.760	73	73718	0.50	PPBV	81
24) TETRAHYDROFURAN	9.198	42	15928m	0.48	PPBV	
25) HEXANE	8.715	57	52390	0.54	PPBV #	79
26) VINYL ACETATE	7.835	43	68618m	0.48	PPBV	
27) 1,1-DICHLOROETHANE	7.703	63	62741	0.47	PPBV	90
28) METHYL ETHYL KETONE	8.087	43	65674	0.55	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.511	96	32491	0.48	PPBV	91
30) ETHYL ACETATE	8.711	43	110665	0.54	PPBV	99
31) CHLOROFORM	8.805	83	93821	0.55	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.758	97	47937	0.43	PPBV	91
33) CARBON TETRACHLORIDE	10.349	117	56009	0.44	PPBV	94
34) 1,2-DICHLOROETHANE	9.514	62	30851	0.47	PPBV	92
36) BENZENE	10.206	78	44567	0.42	PPBV	85
37) CYCLOHEXANE	10.476	84	28888m	0.58	PPBV	
38) TRICHLOROETHYLENE	11.196	95	26182	0.51	PPBV	91
39) 1,2-DICHLOROPROPANE	10.987	63	18657	0.50	PPBV	91
40) BROMODICHLOROMETHANE	11.164	83	36570	0.46	PPBV	86
41) 2,2,4-TRIMETHYLPENTANE	11.223	57	84857	0.44	PPBV	98
42) 1,4-DIOXANE	11.198	88	7638	0.48	PPBV #	60
43) HEPTANE	11.466	43	26722	0.42	PPBV	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1308.D
Acq On : 7 Aug 2006 3:27 pm
Operator : PhilipB
Sample : IC68-.5 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:19 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration

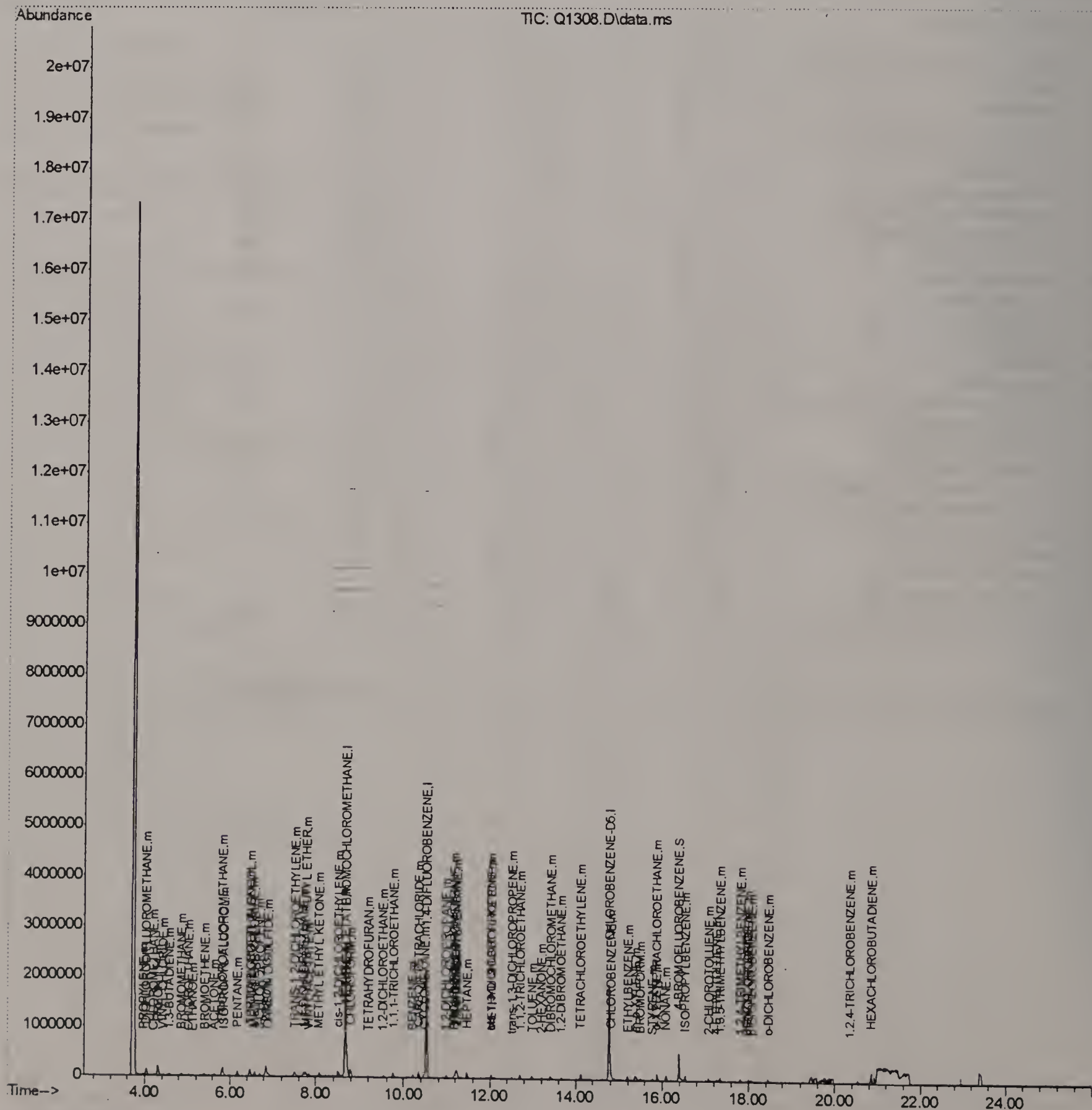
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.037	43	31858	0.44	PPBV	97
45) cis-1,3-DICHLOROPROPENE	12.021	75	19811	0.42	PPBV	93
46) TOLUENE	12.983	92	19973	0.36	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.524	75	11981	0.39	PPBV	81
48) 1,1,2-TRICHLOROETHANE	12.699	83	16259	0.53	PPBV	96
50) 2-HEXANONE	13.210	43	21056	0.42	PPBV	94
51) TETRACHLOROETHYLENE	14.108	164	18251	0.49	PPBV #	68
52) DIBROMOCHLOROMETHANE	13.407	129	23467	0.49	PPBV	95
53) 1,2-DIBROMOETHANE	13.656	107	19570	0.49	PPBV	97
54) CHLOROBENZENE	14.809	112	30943	0.52	PPBV	92
55) ETHYLBENZENE	15.188	91	37152	0.38	PPBV	89
56) m,p-XYLENE	15.365	106	29860m	0.80	PPBV	
57) o-XYLENE	15.880	106	14360	0.38	PPBV	88
58) STYRENE	15.759	104	14030m	0.34	PPBV	
59) NONANE	16.086	43	31803	0.38	PPBV	90
60) BROMOFORM	15.482	173	15743	0.38	PPBV	94
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	31858	0.49	PPBV	95
63) ISOPROPYLBENZENE	16.526	105	45834	0.40	PPBV	94
64) 2-CHLOROTOLUENE	17.078	91	31330m	0.41	PPBV	
65) 4-ETHYLTOLUENE	17.259	105	22209	0.29	PPBV	89
66) 1,3,5-TRIMETHYLBENZENE	17.344	105	30515	0.35	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.812	105	21061	0.28	PPBV	97
68) m-DICHLOROBENZENE	17.999	146	16580m	0.42	PPBV	
69) BENZYL CHLORIDE	17.961	91	14404m	0.43	PPBV	
70) p-DICHLOROBENZENE	18.068	146	18949m	0.45	PPBV	
71) o-DICHLOROBENZENE	18.453	146	18214m	0.44	PPBV	
72) HEXACHLOROBUTADIENE	20.844	225	20838	0.53	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.347	180	4941	0.49	PPBV	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1308.D  
Acq On    : 7 Aug 2006 3:27 pm  
Operator  : PhilipB  
Sample    : IC68-.5 (M140)  
Misc      : MS11916,MSQ68,,,,,1  
ALS Vial  : 2 Sample Multiplier: 1
```

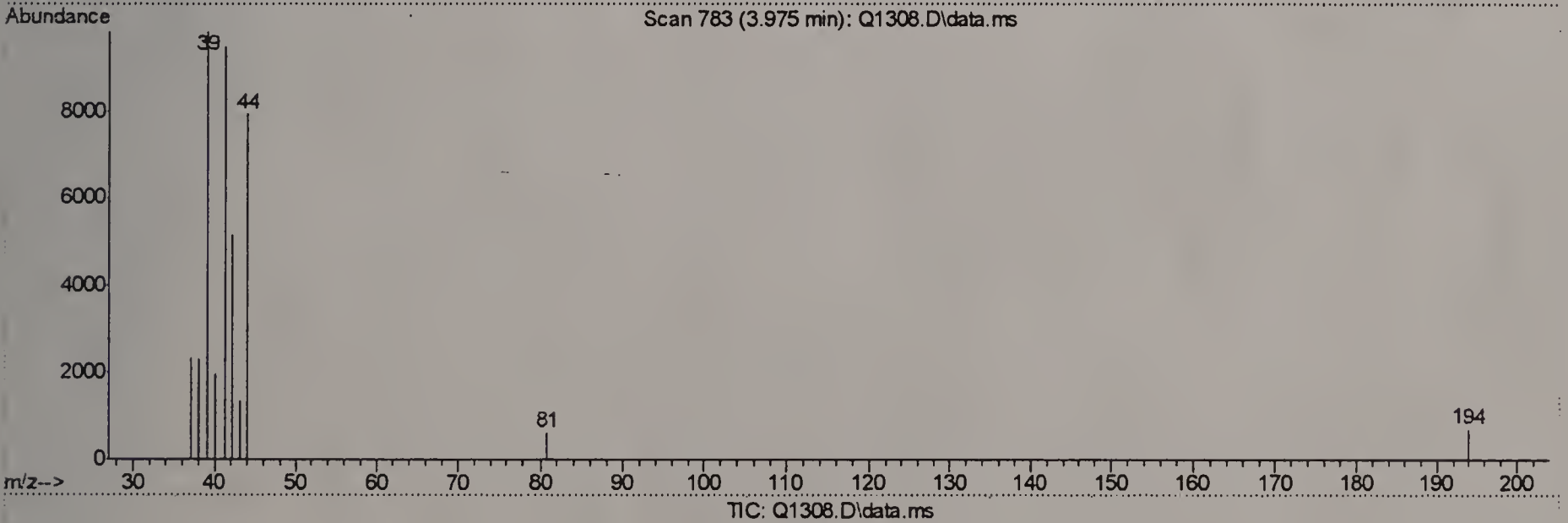
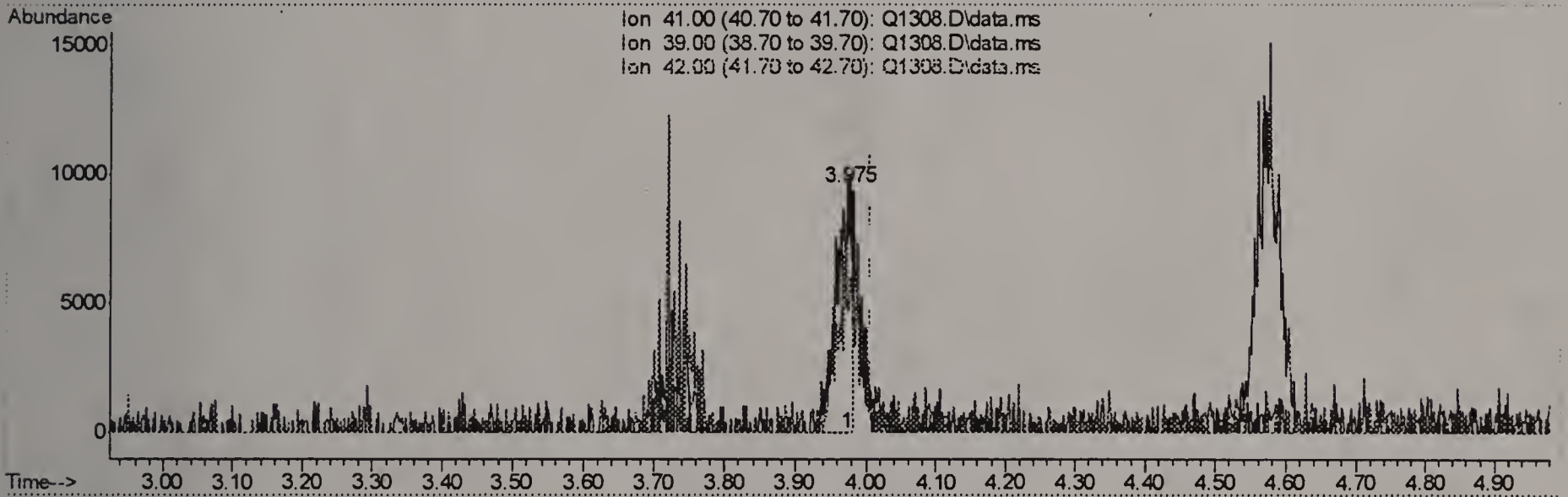
Quant Time: Aug 07 18:48:19 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.975min (-0.032) 0.36PPBV

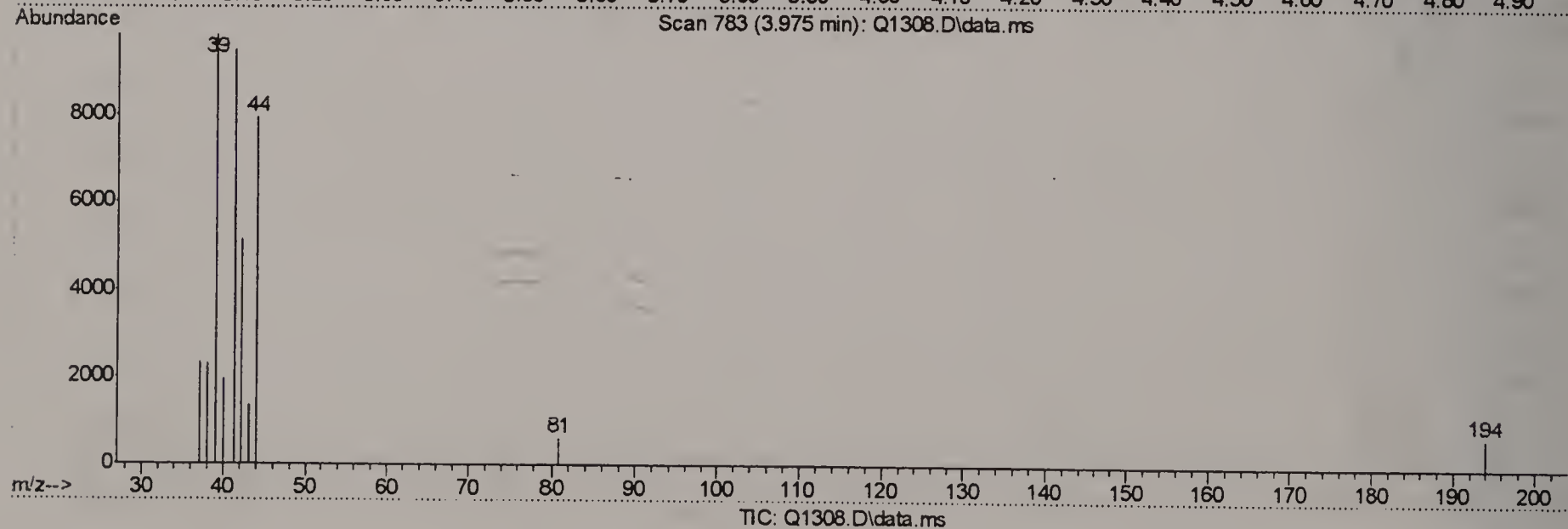
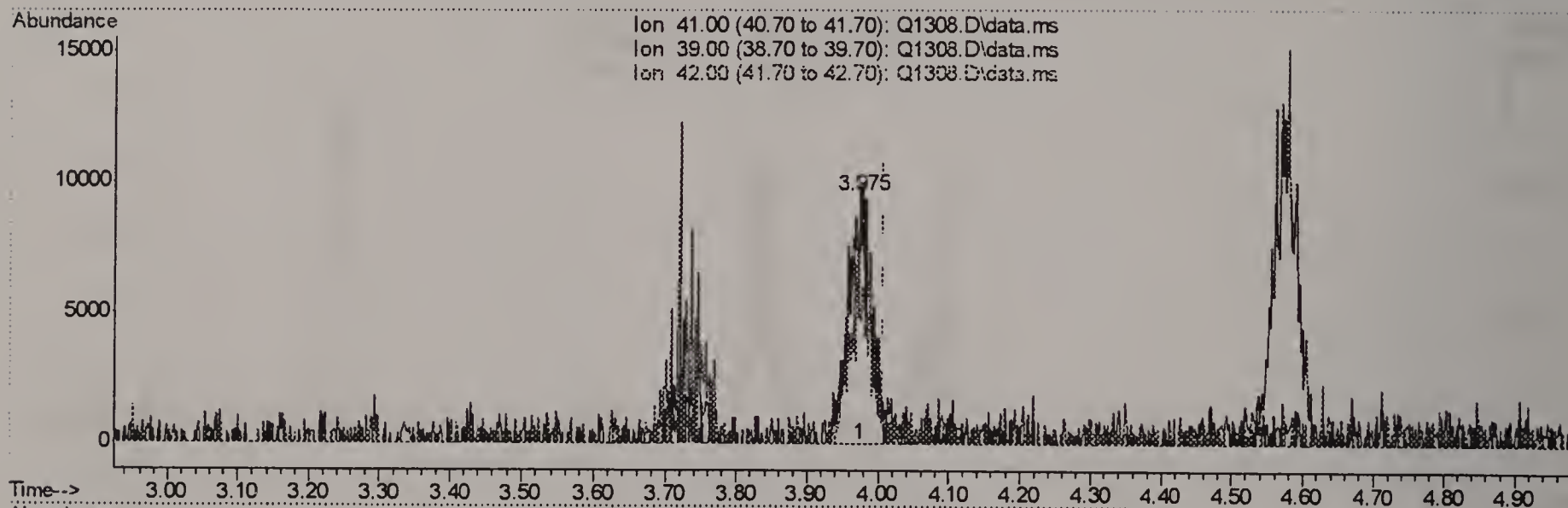
response 14043

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	103.71#
42.00	66.80	54.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.975min (-0.032) 0.53PPBV m

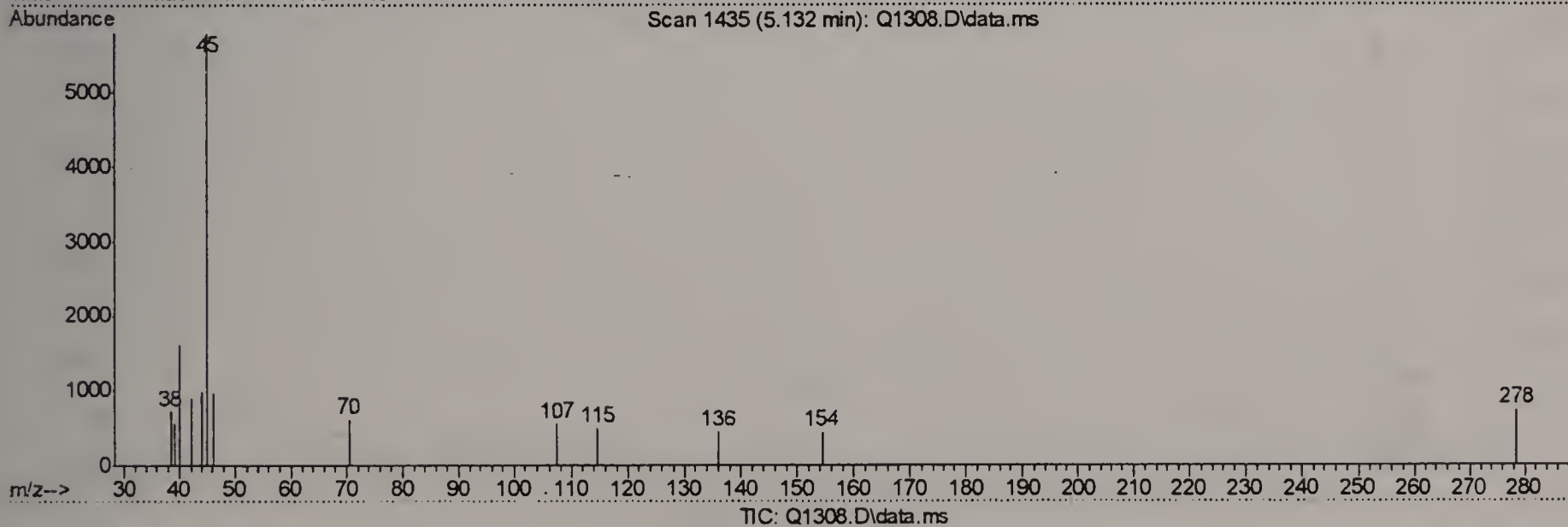
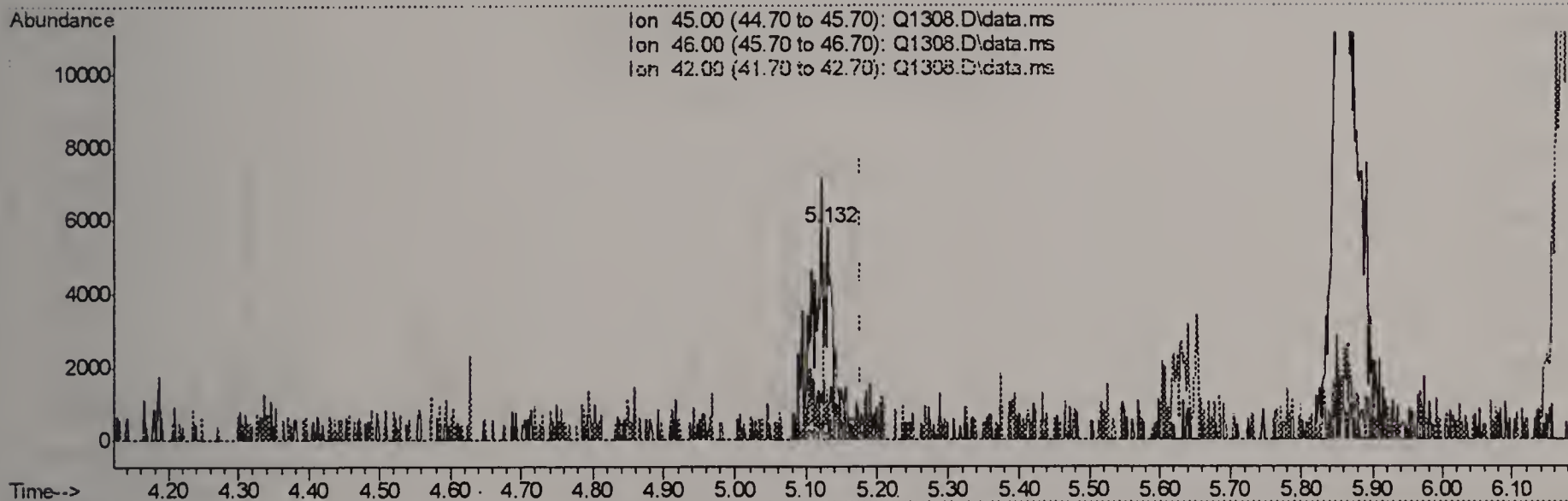
response 20716

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	103.71#
42.00	66.80	54.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.132min (-0.044) 0.26PPBV

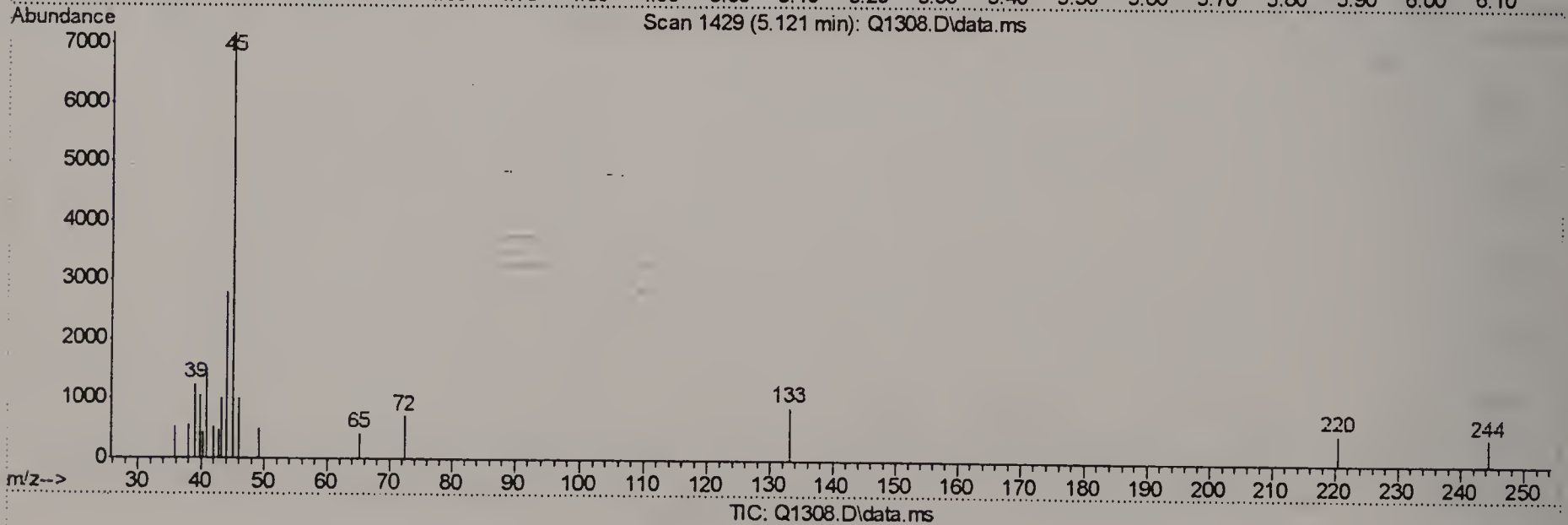
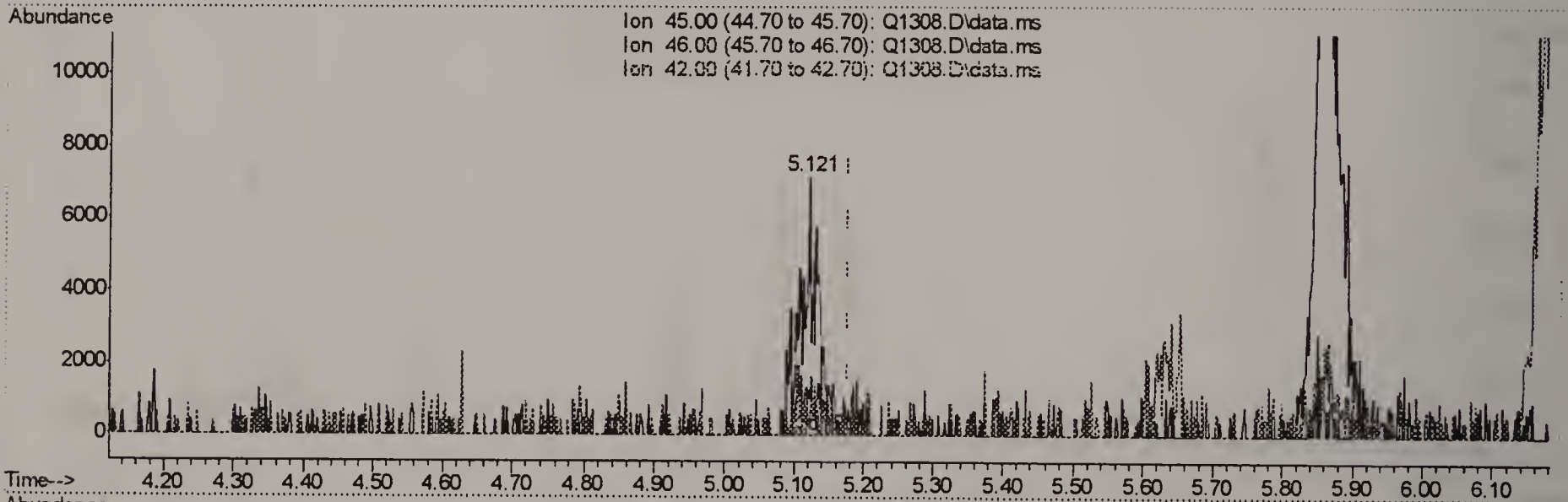
response 5443

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	14.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.121min (-0.055) 0.60PPBV m

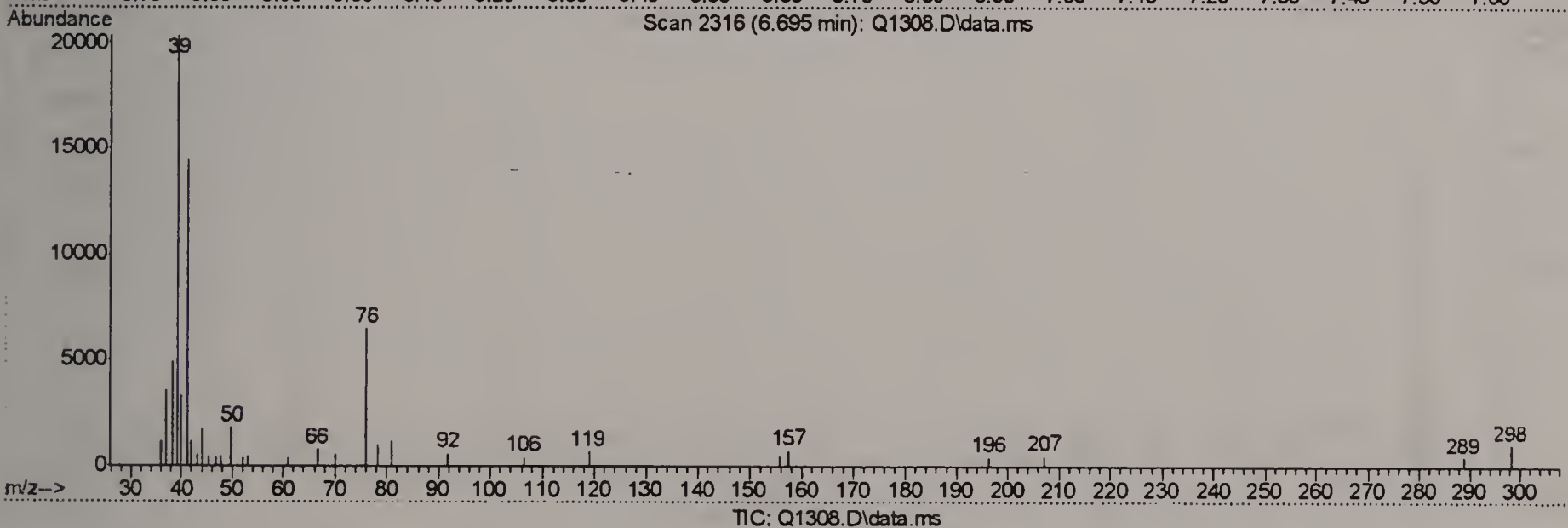
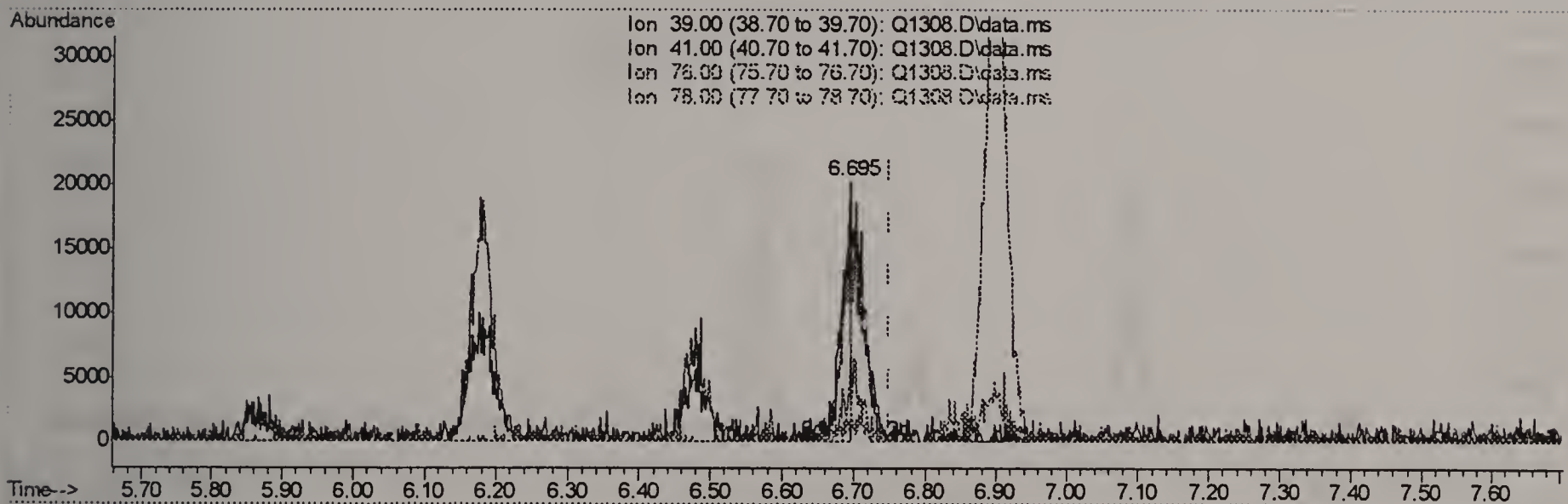
response 12583

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	6.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(19) 3-CHLOROPROPENE (m)

6.695min (-0.053) 0.22PPBV

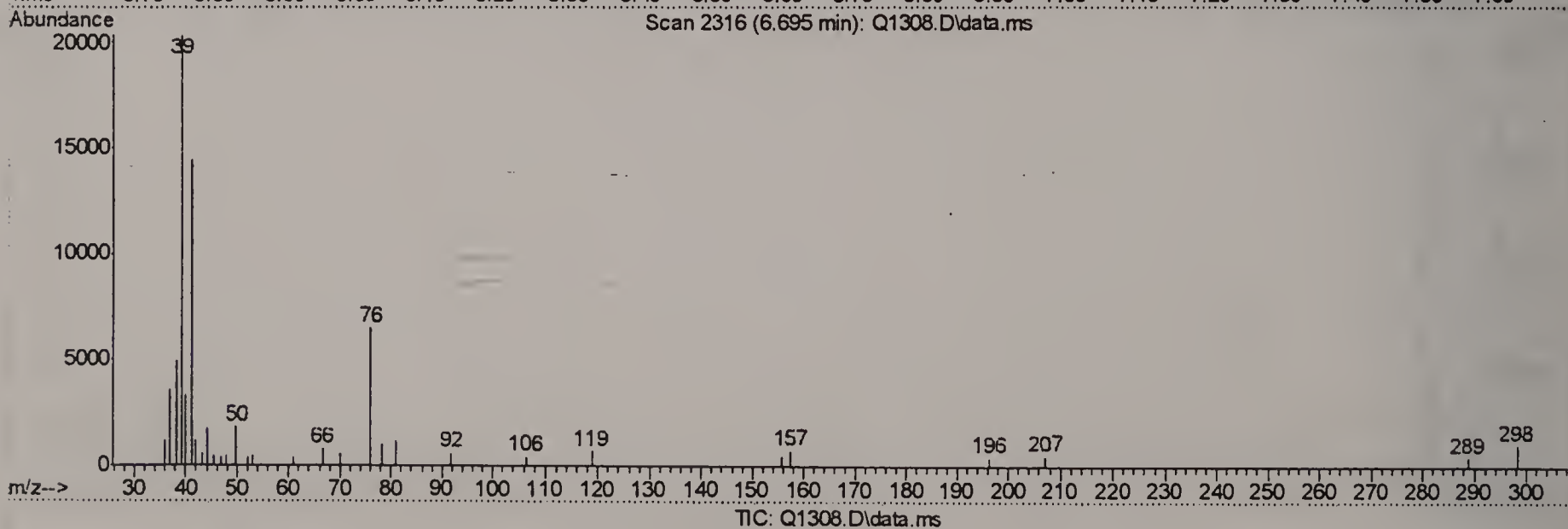
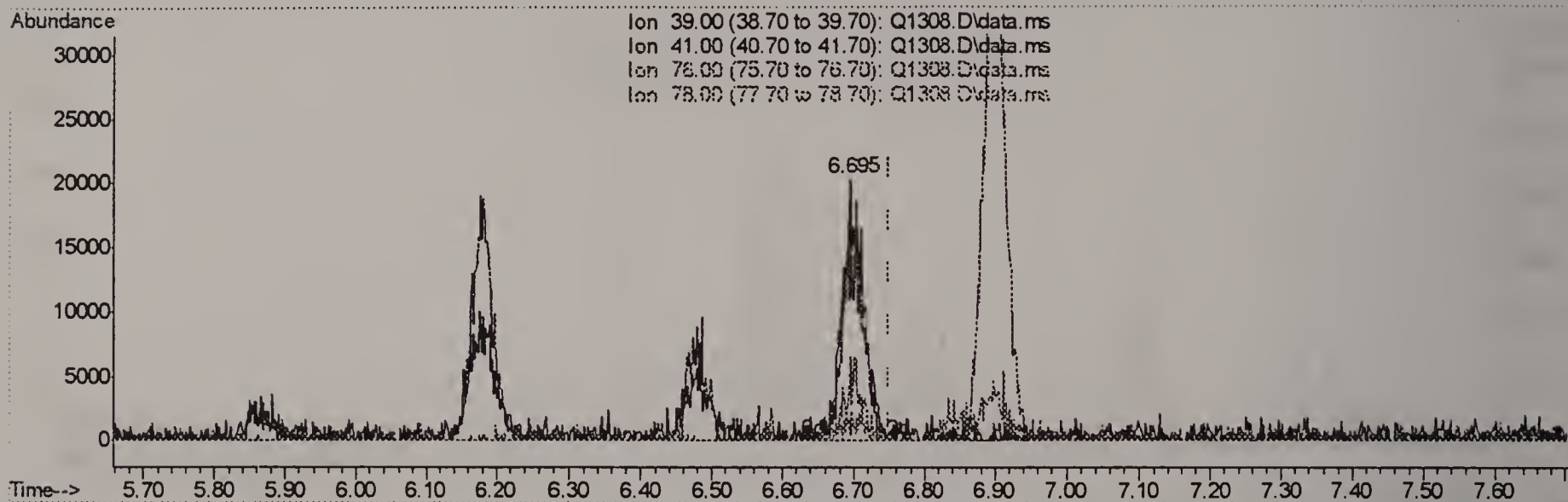
response 17961

Ion	Exp%	Act%
39.00	100	100
41.00	130.20	184.33#
76.00	33.90	55.32#
78.00	10.80	3.60

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(19) 3-CHLOROPROPENE (m)

6.695min (-0.053) 0.50PPBV m

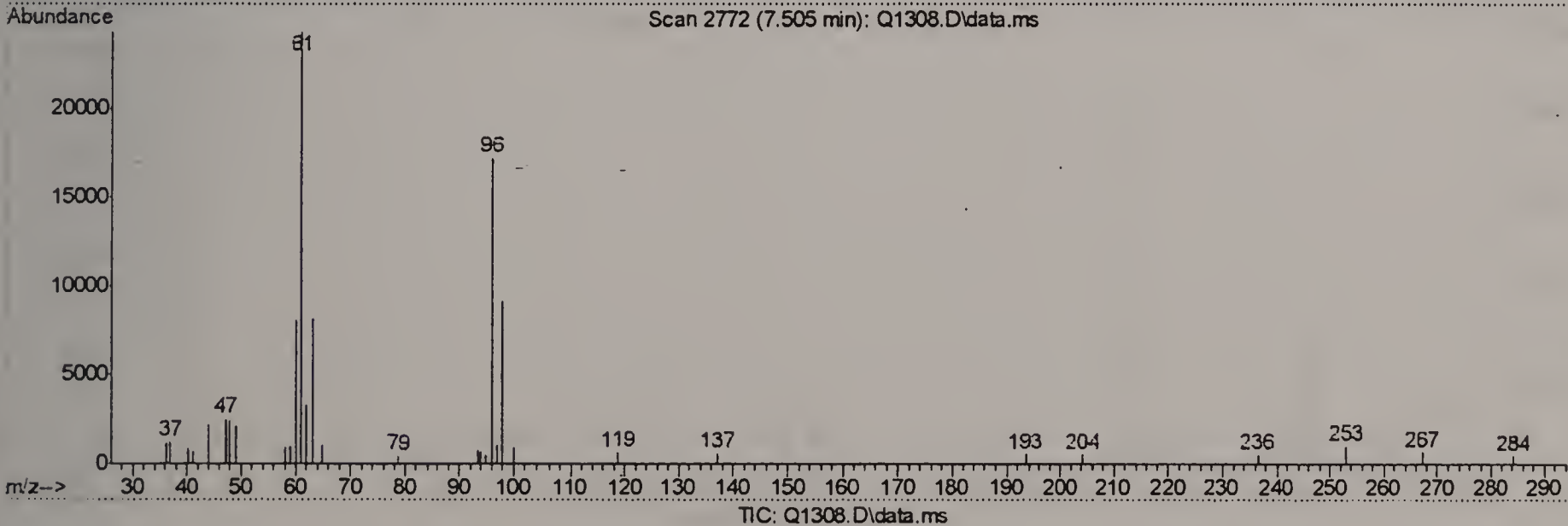
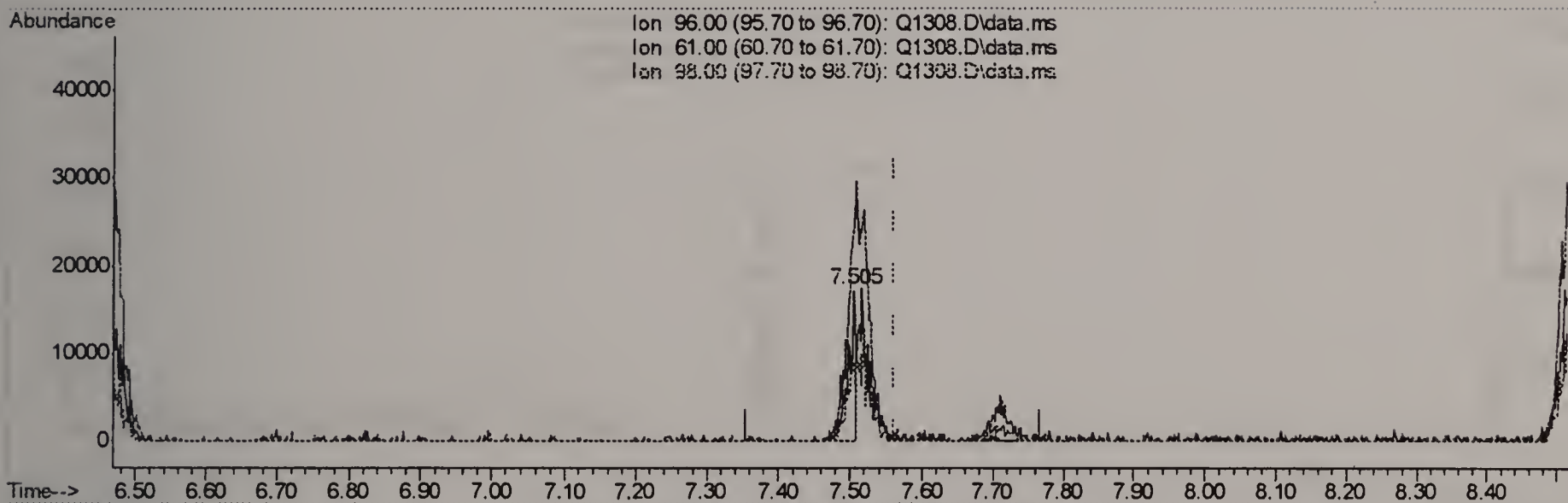
response 40819

Ion	Exp%	Act%
39.00	100	100
41.00	130.20	81.11#
76.00	33.90	24.34
78.00	10.80	1.58

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.505min (-0.057) 0.19PPBV

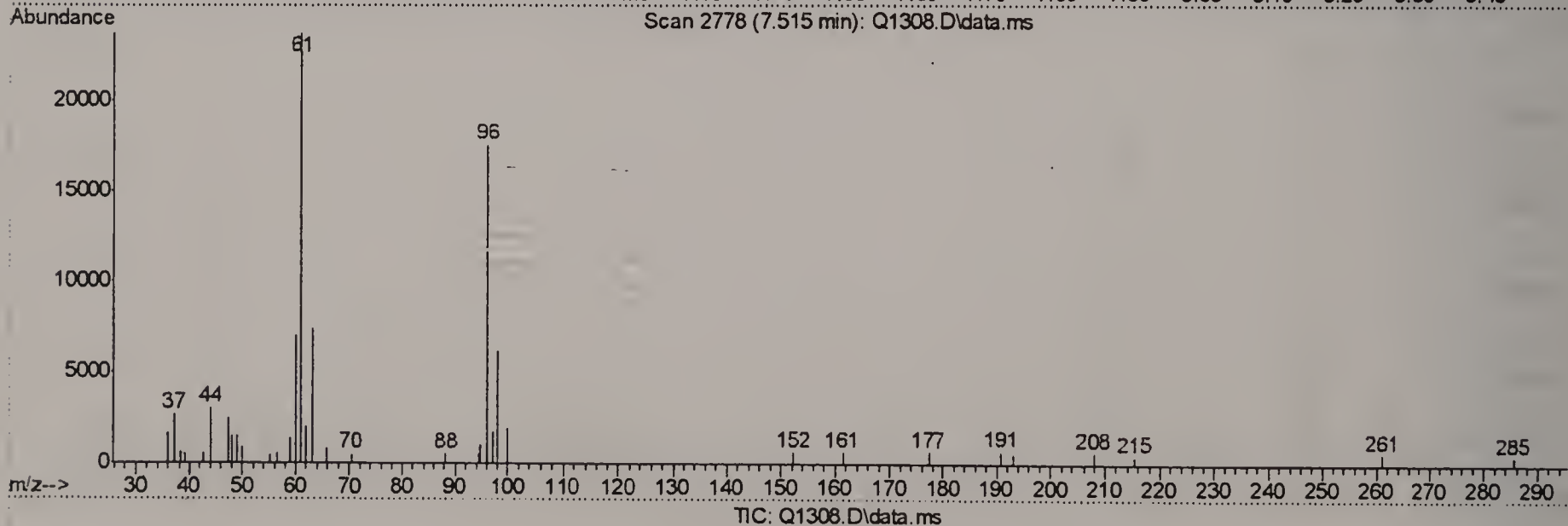
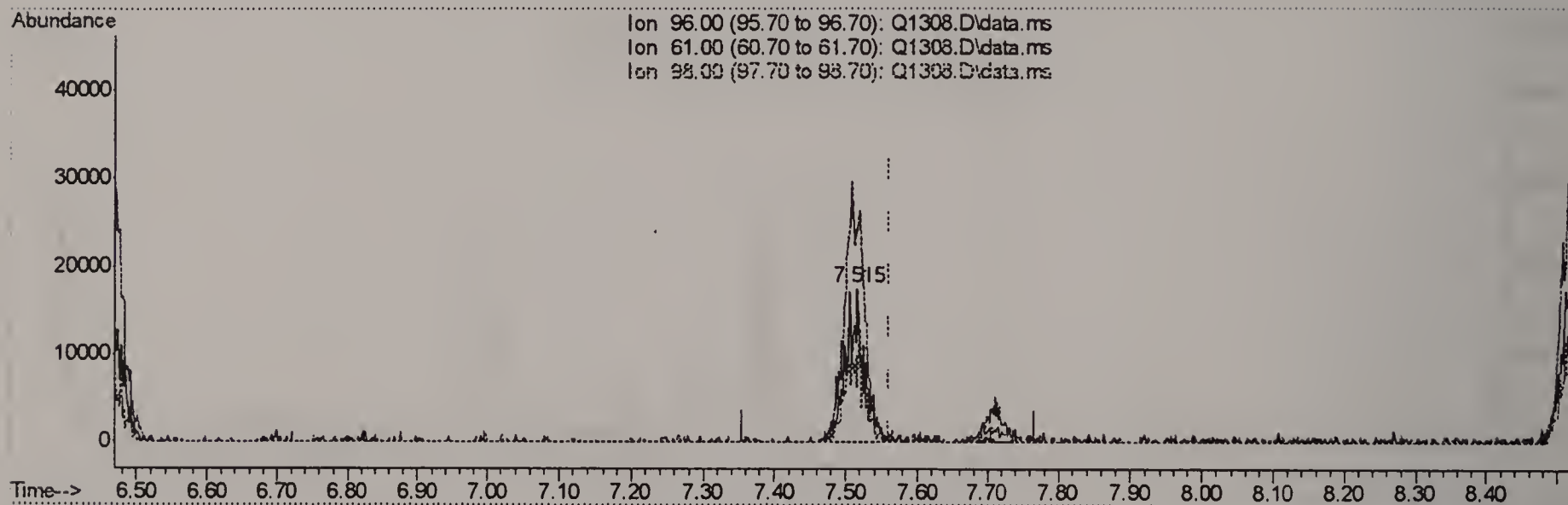
response 11659

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	471.04#
98.00	62.80	97.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.515min (-0.046) 0.49PPBV m

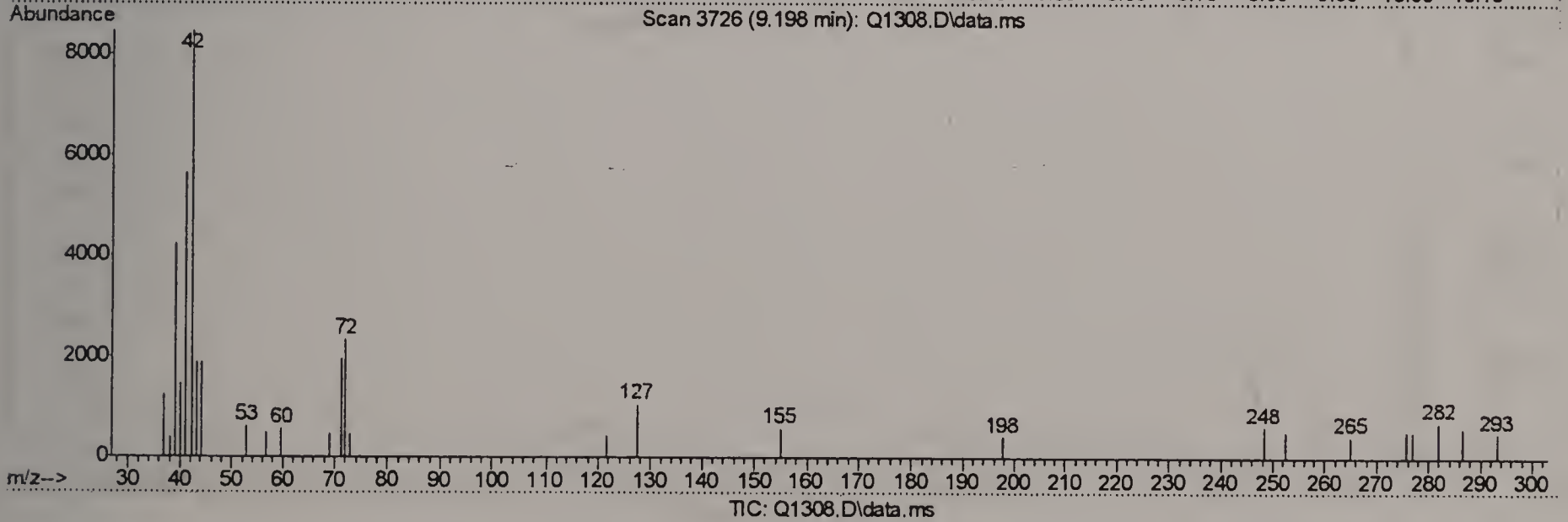
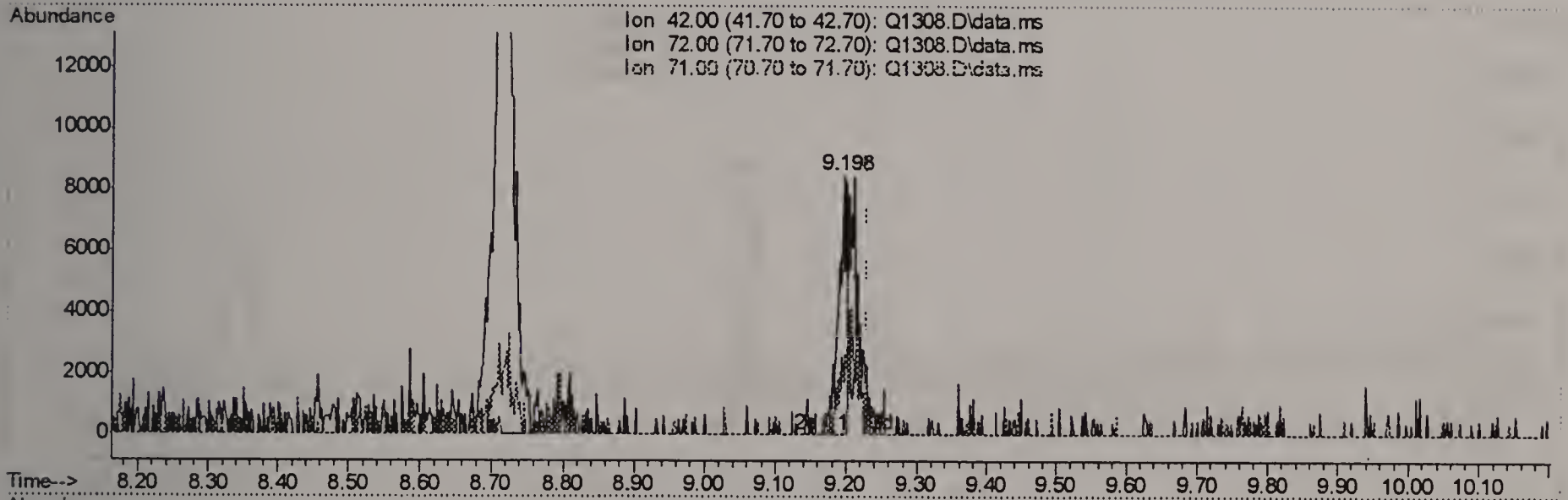
response 30072

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	182.62
98.00	62.80	37.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(24) TETRAHYDROFURAN (m)

9.198min (-0.032) 0.23PPBV

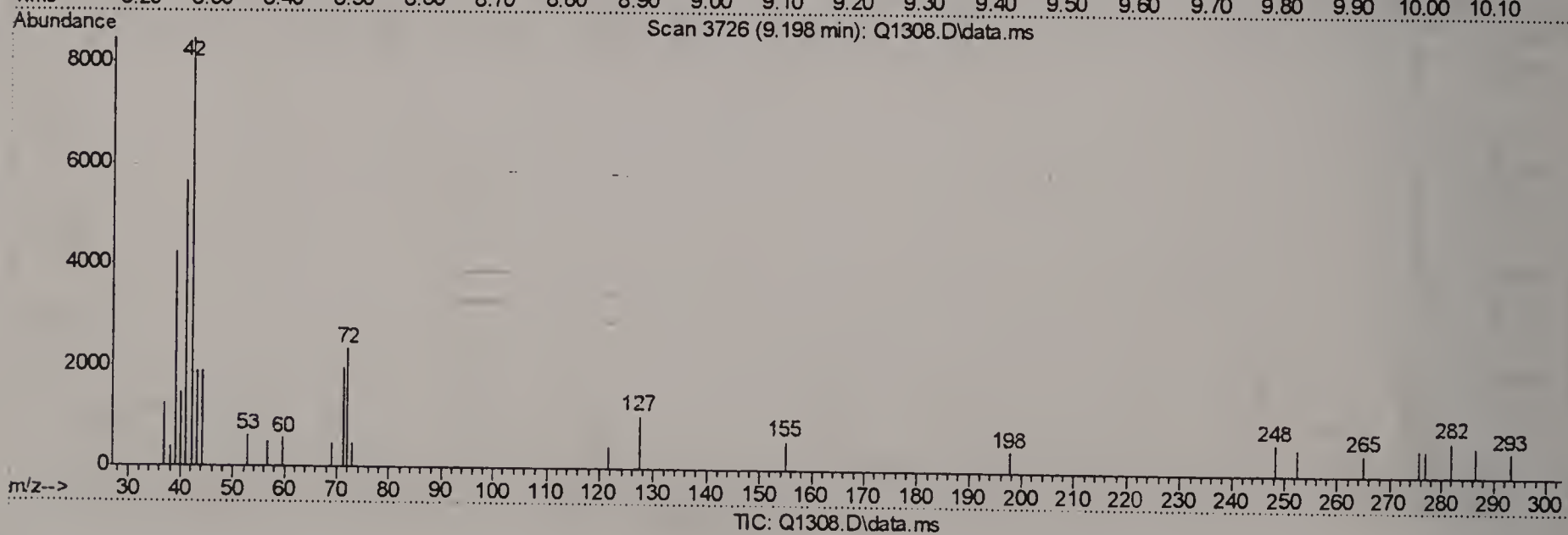
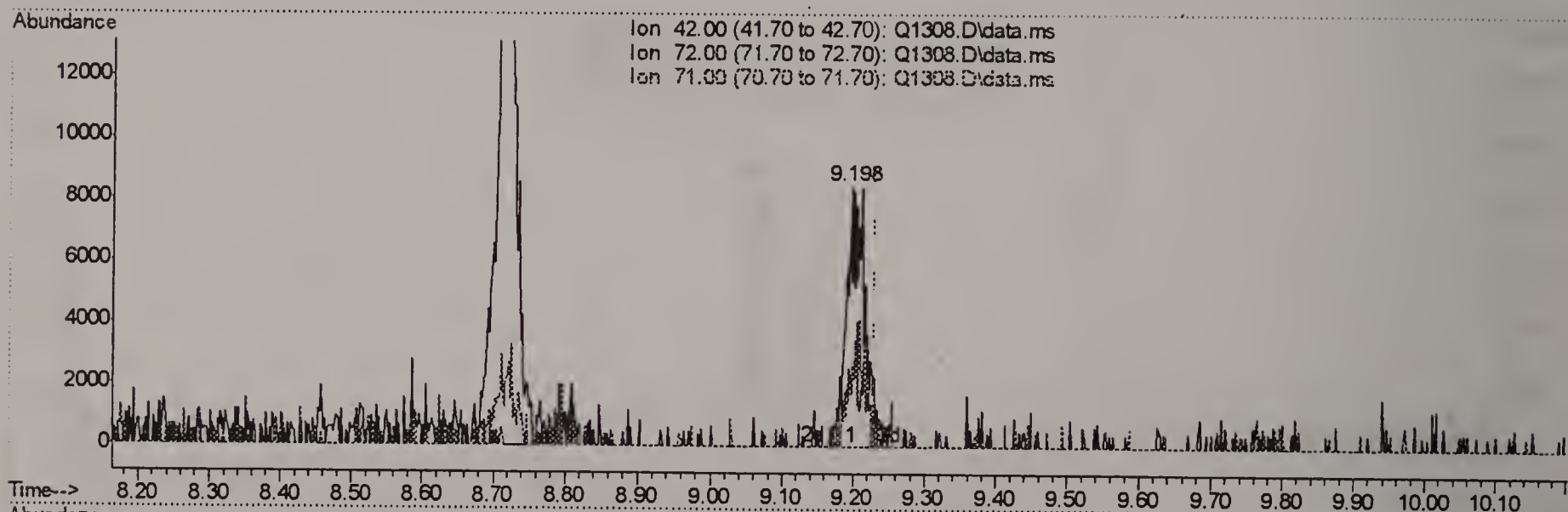
response 7753

Ion	Exp%	Act%
42.00	100	100
72.00	29.70	67.24#
71.00	28.60	72.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(24) TETRAHYDROFURAN (m)

9.198min (-0.032) 0.48PPBV m

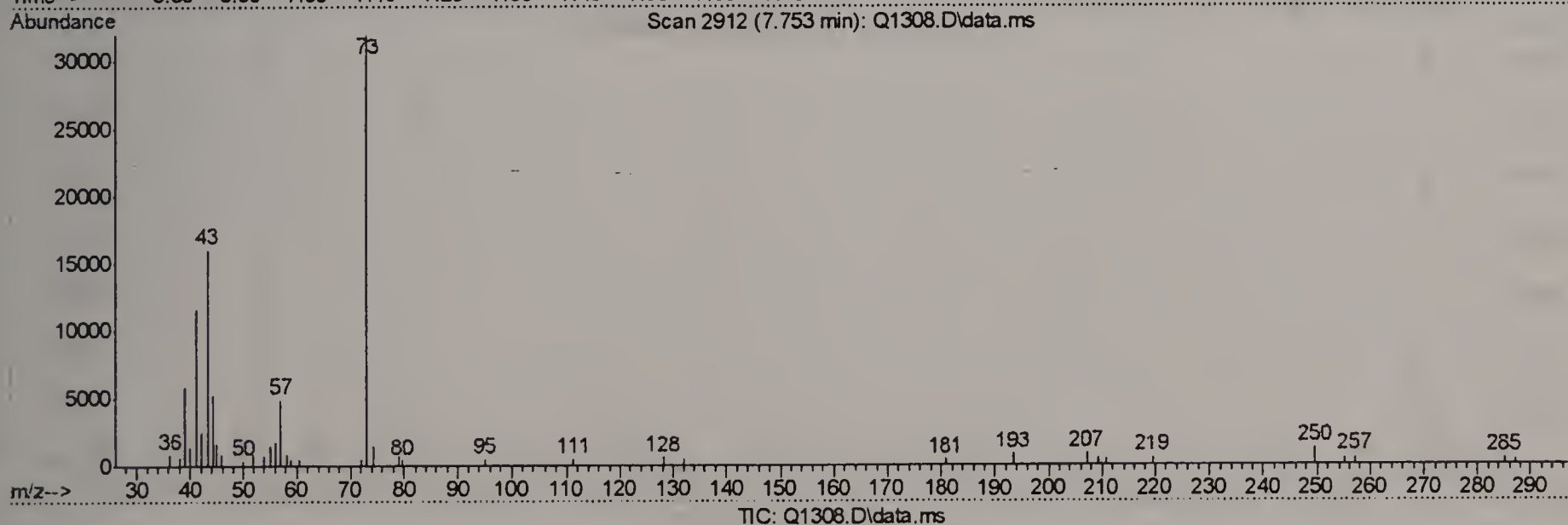
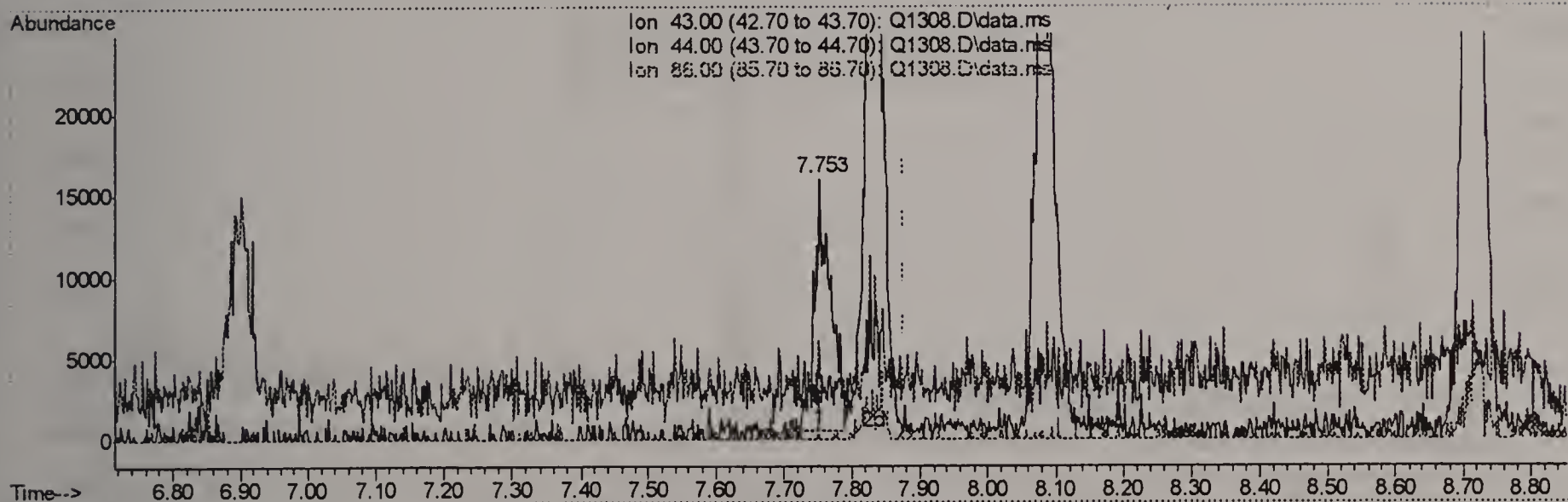
response 15928

Ion	Exp%	Act%
42.00	100	100
72.00	29.70	32.73
71.00	28.60	35.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



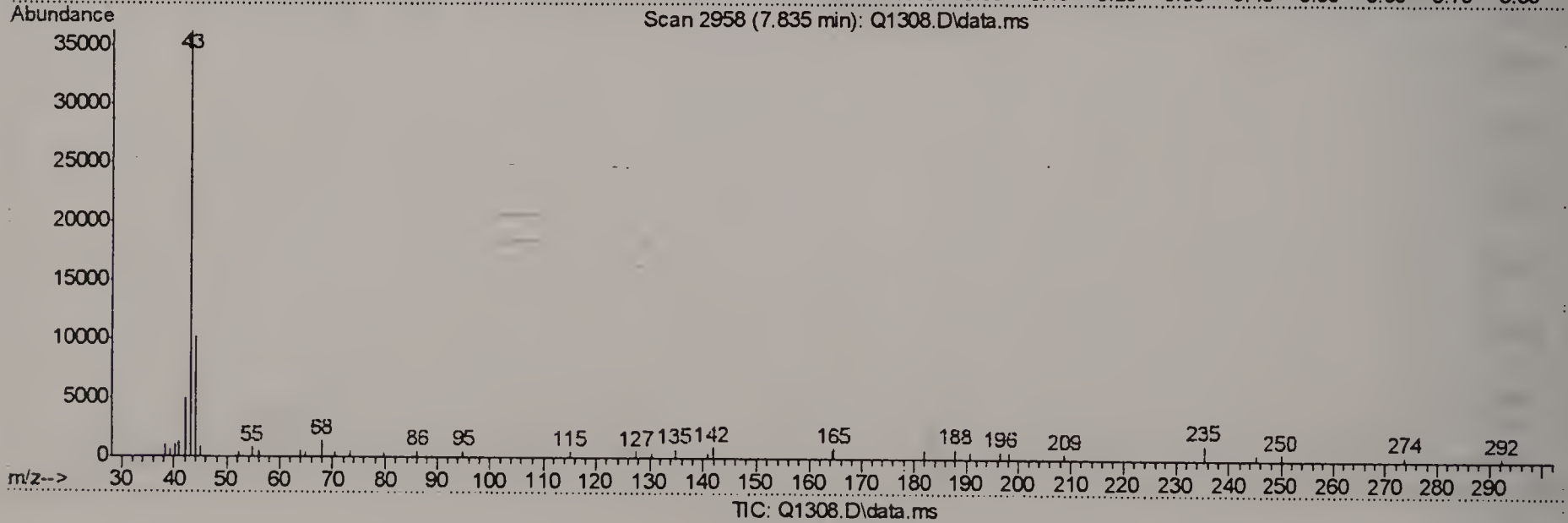
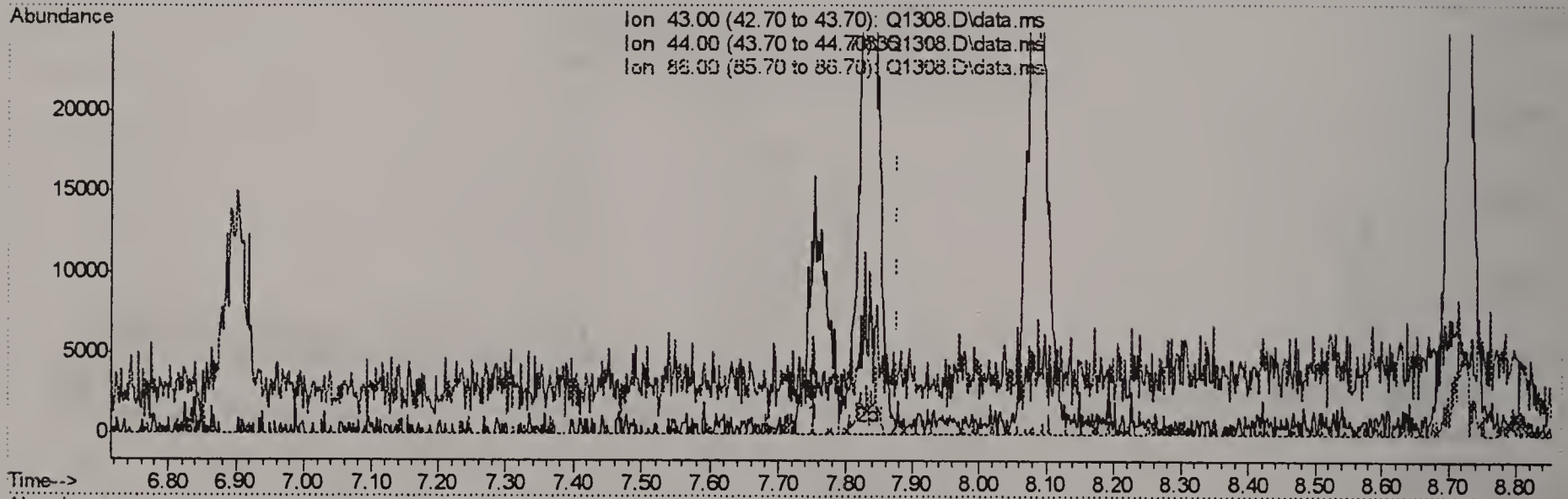
(26) VINYL ACETATE (m)
 7.753min (-0.124) 0.18PPBV
 response 25473

Ion	Exp%	Act%
43.00	100	100
44.00	5.30	5.07
86.00	5.10	0.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(26) VINYL ACETATE (m)

7.835min (-0.043) 0.48PPBV m

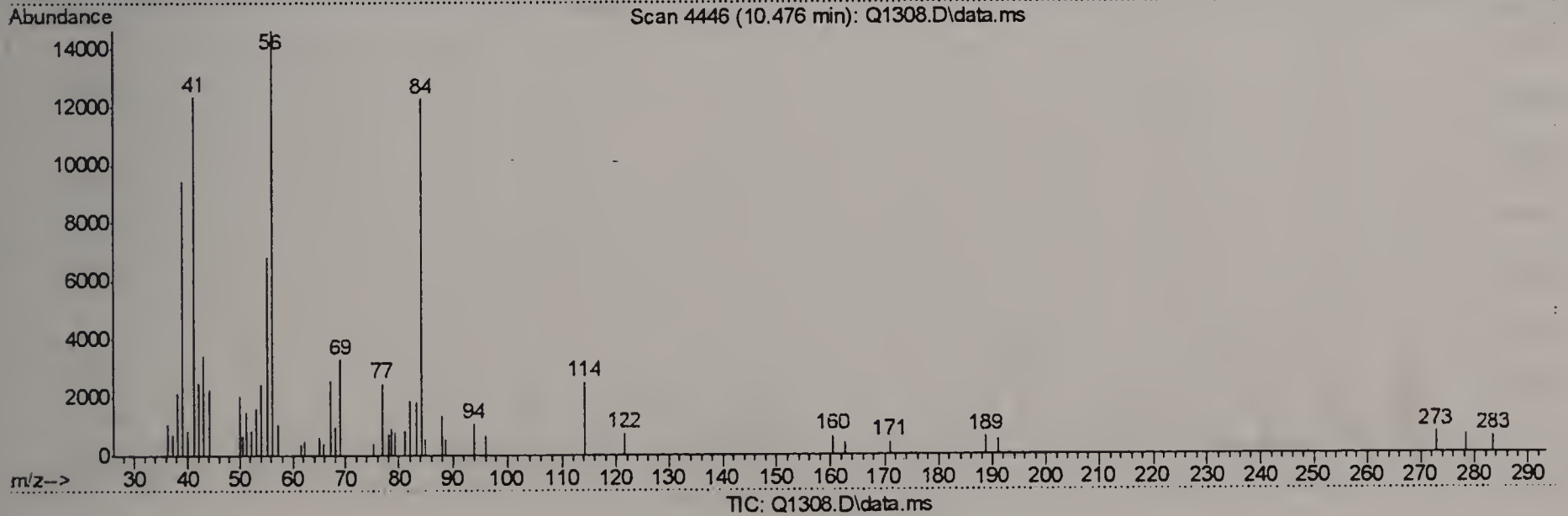
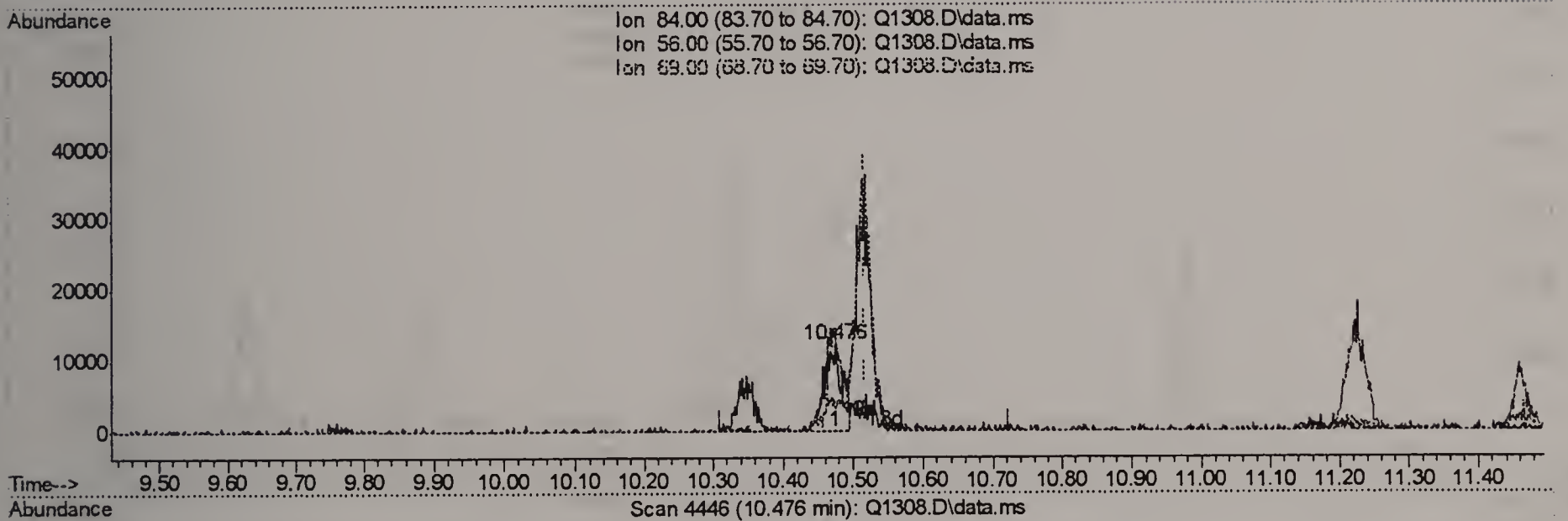
response 68618

Ion	Exp%	Act%
43.00	100	100
44.00	5.30	1.88
86.00	5.10	0.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(37) CYCLOHEXANE (m)

10.476min (-0.041) 0.40PPBV

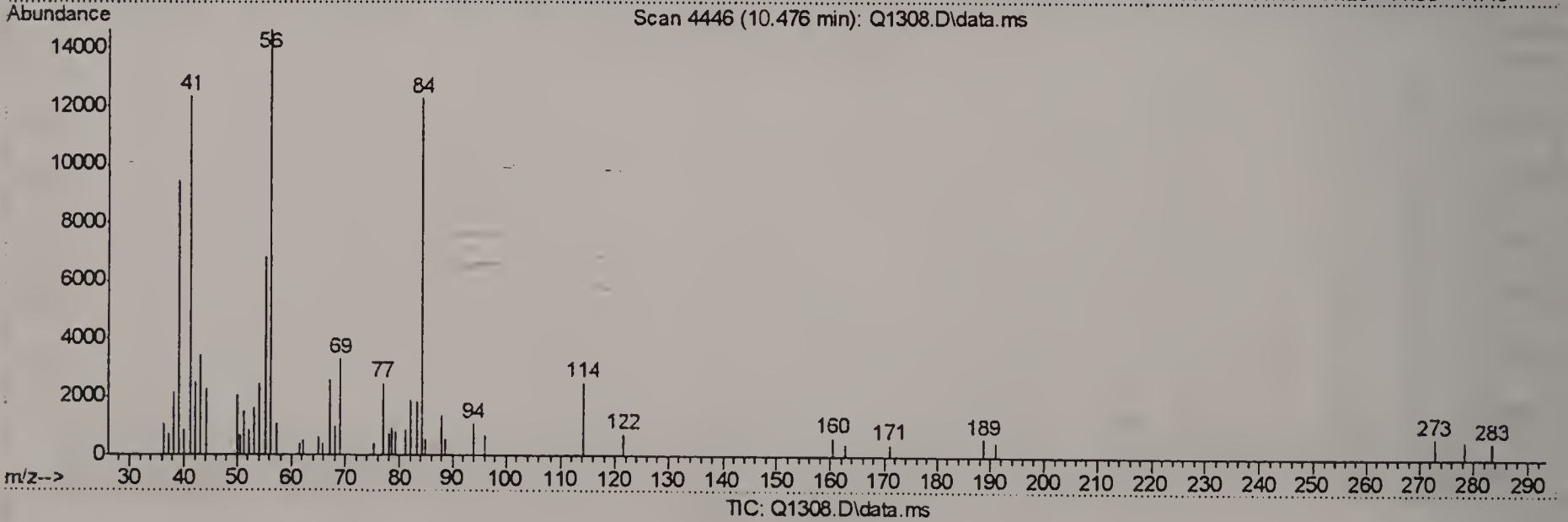
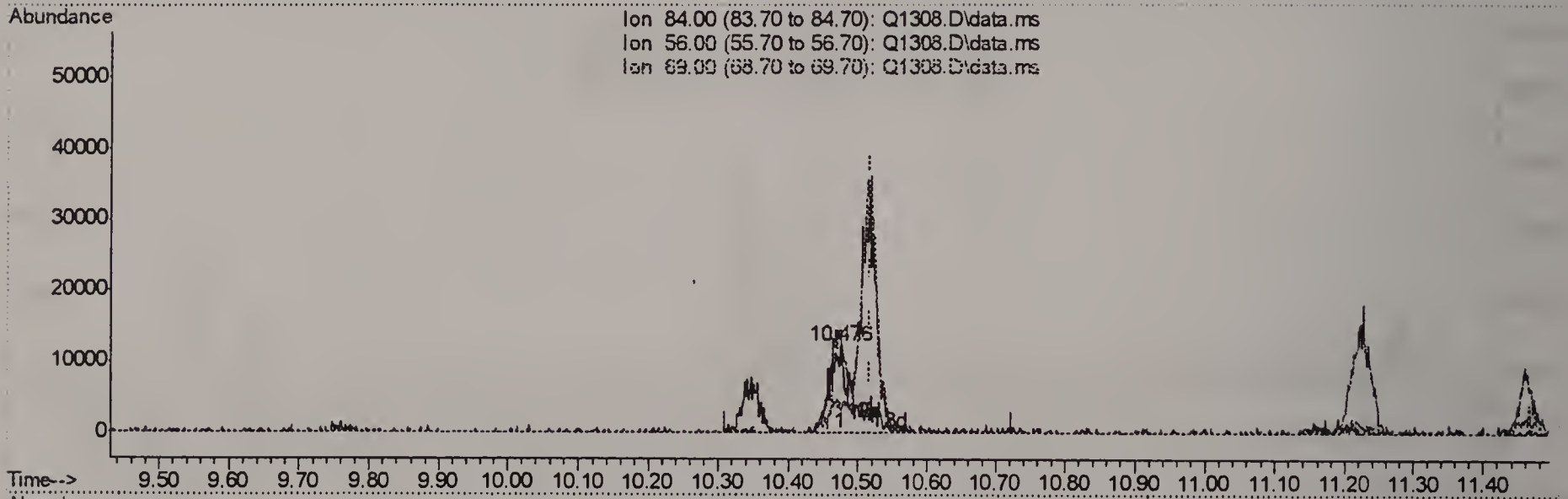
response 19762

Ion	Exp%	Act%
84.00	100	100
56.00	173.90	128.23#
69.00	41.30	22.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(37) CYCLOHEXANE (m)

10.476min (-0.041) 0.58PPBV m

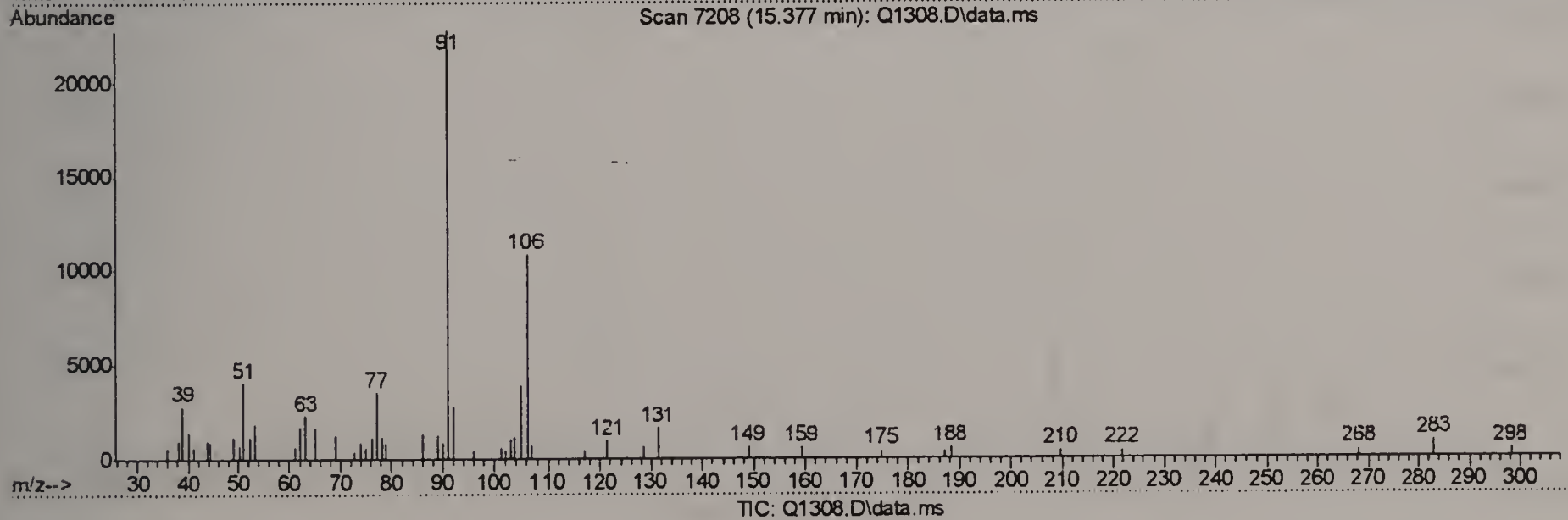
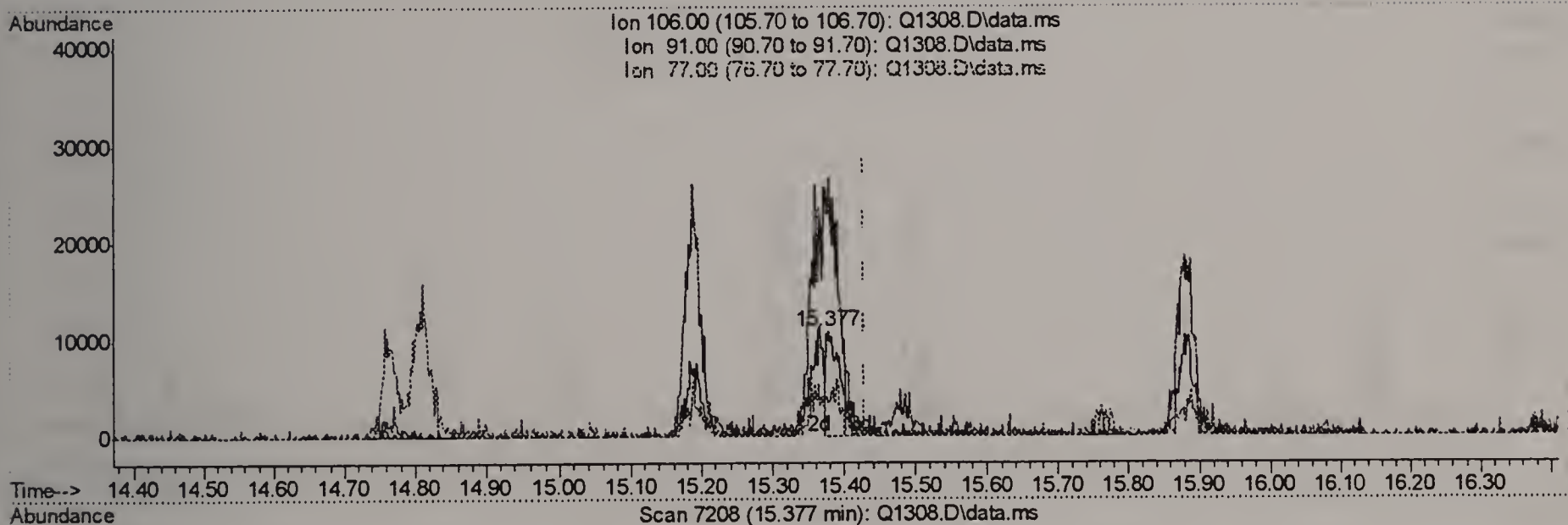
response 28888

Ion	Exp%	Act%
84.00	100	100
56.00	173.90	87.72#
69.00	41.30	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.377min (-0.052) 0.39PPBV

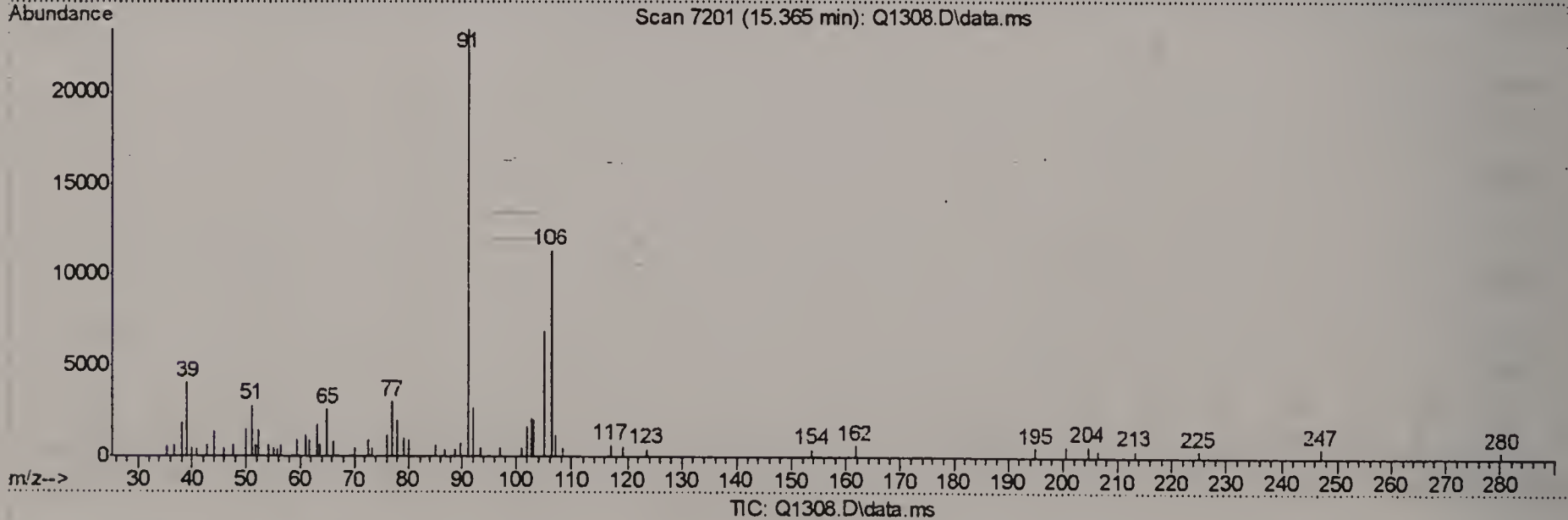
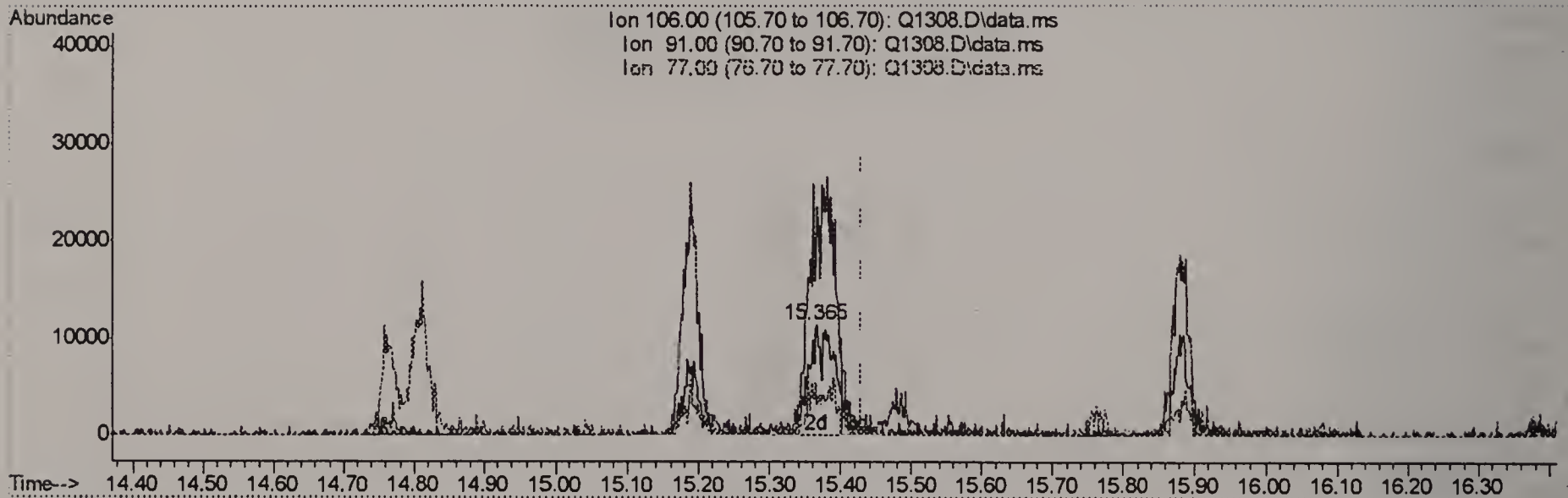
response 14644

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	210.30
77.00	31.80	32.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.064) 0.80PPBV m

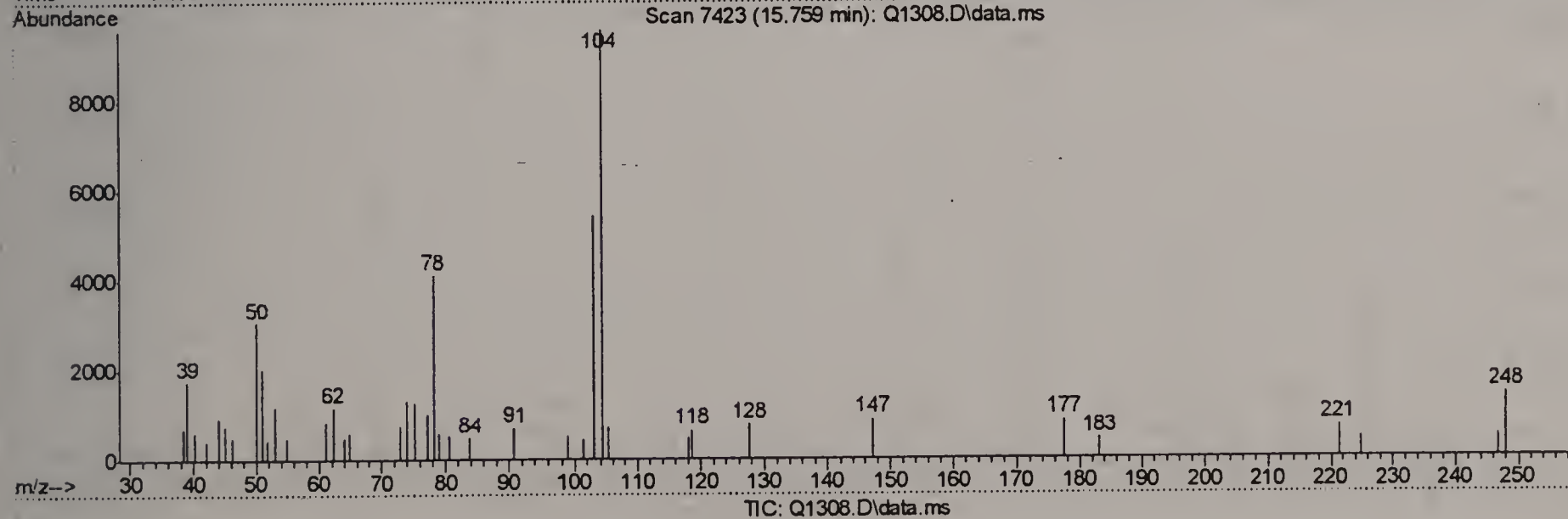
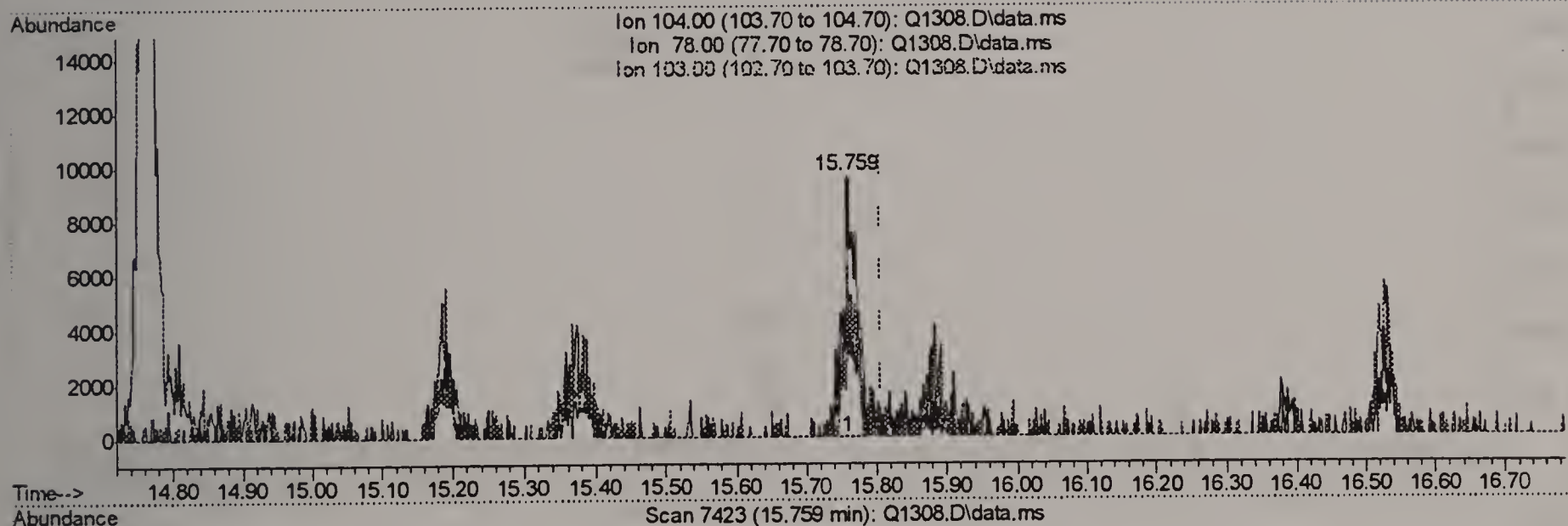
response 29860

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	207.40
77.00	31.80	26.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.759min (-0.048) 0.31PPBV

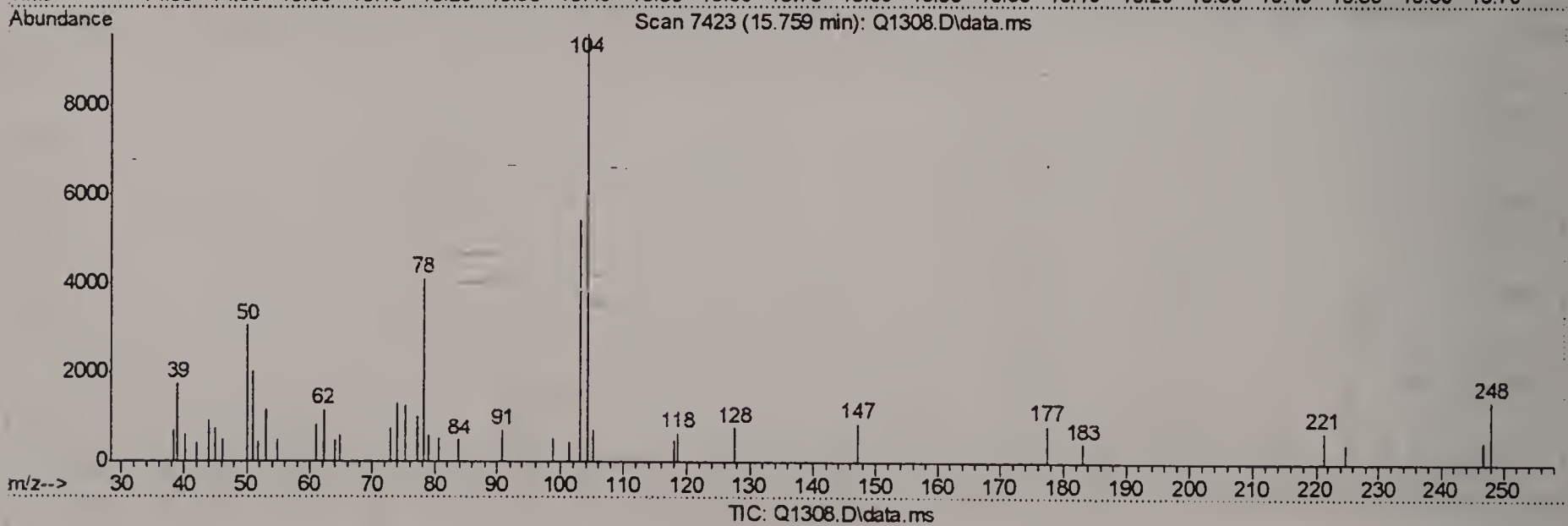
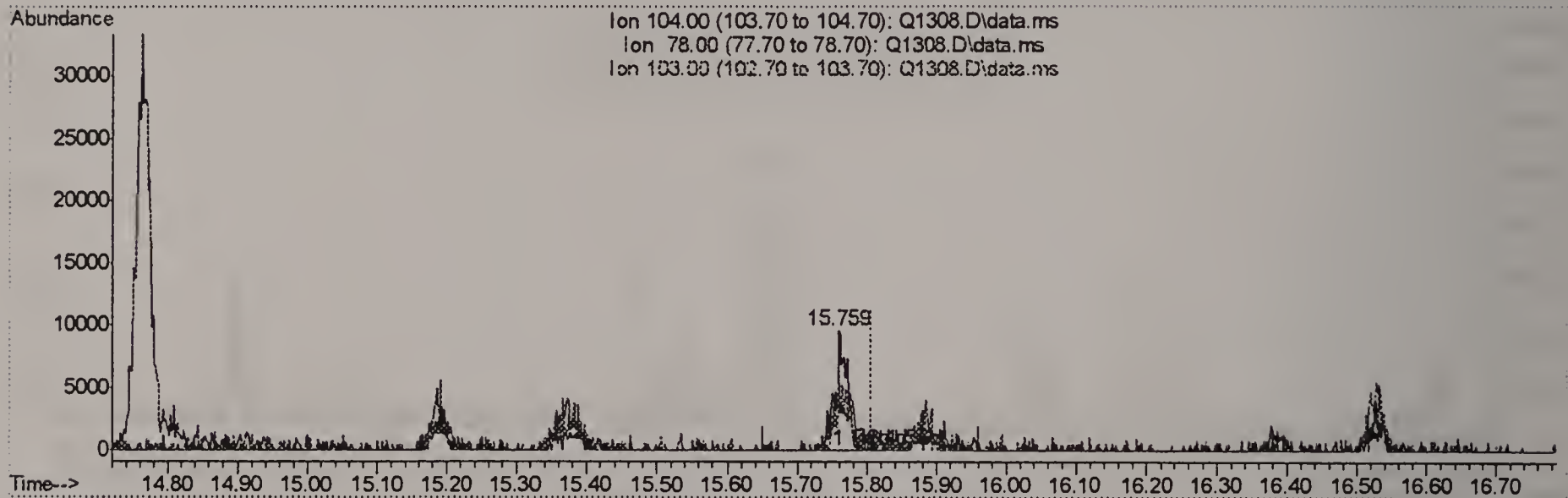
response 12804

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	56.71
103.00	46.10	52.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.759min (-0.048) 0.34PPBV m

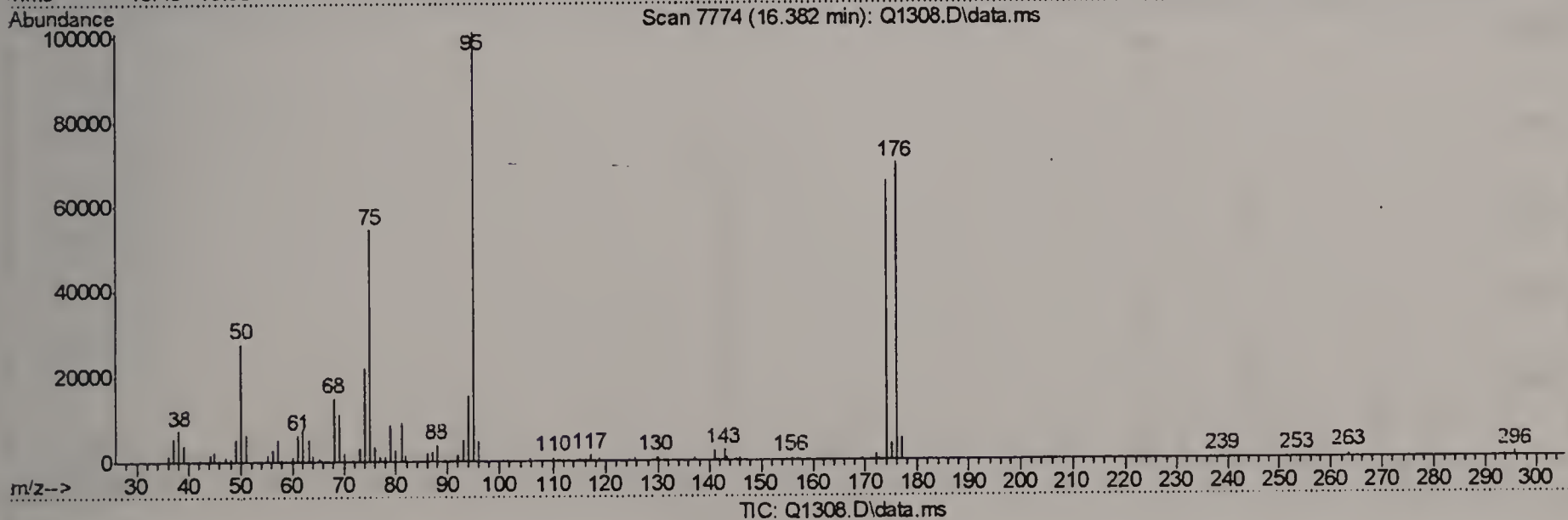
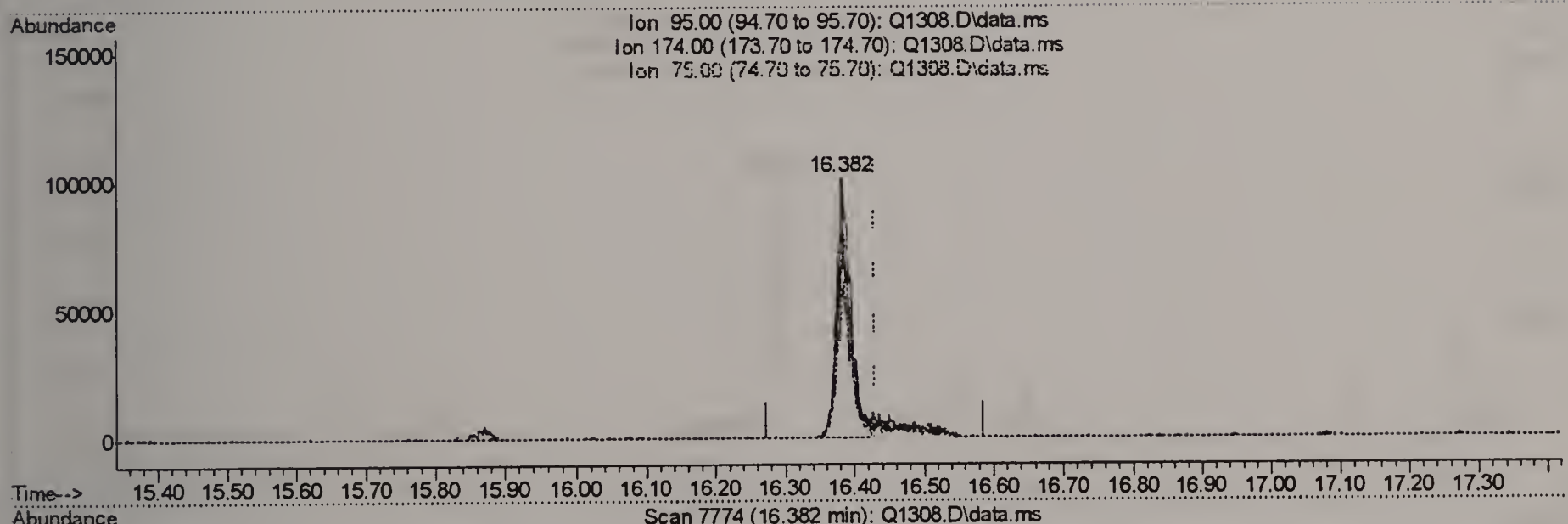
response 14030

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	51.75
103.00	46.10	47.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.93PPBV

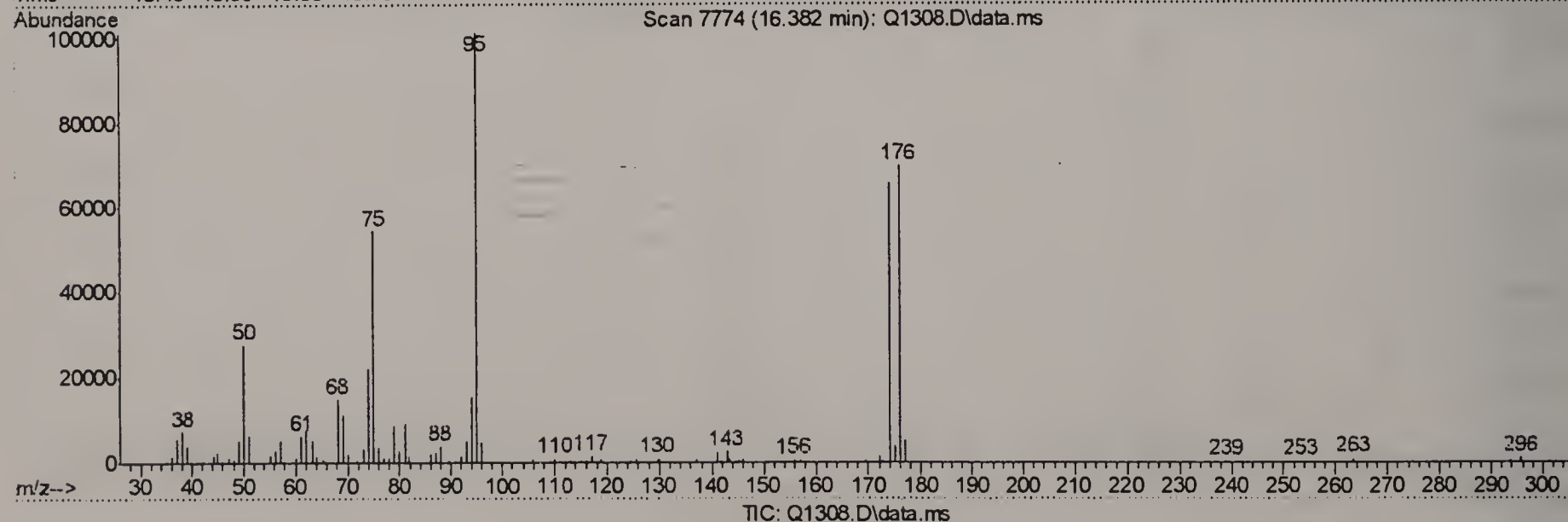
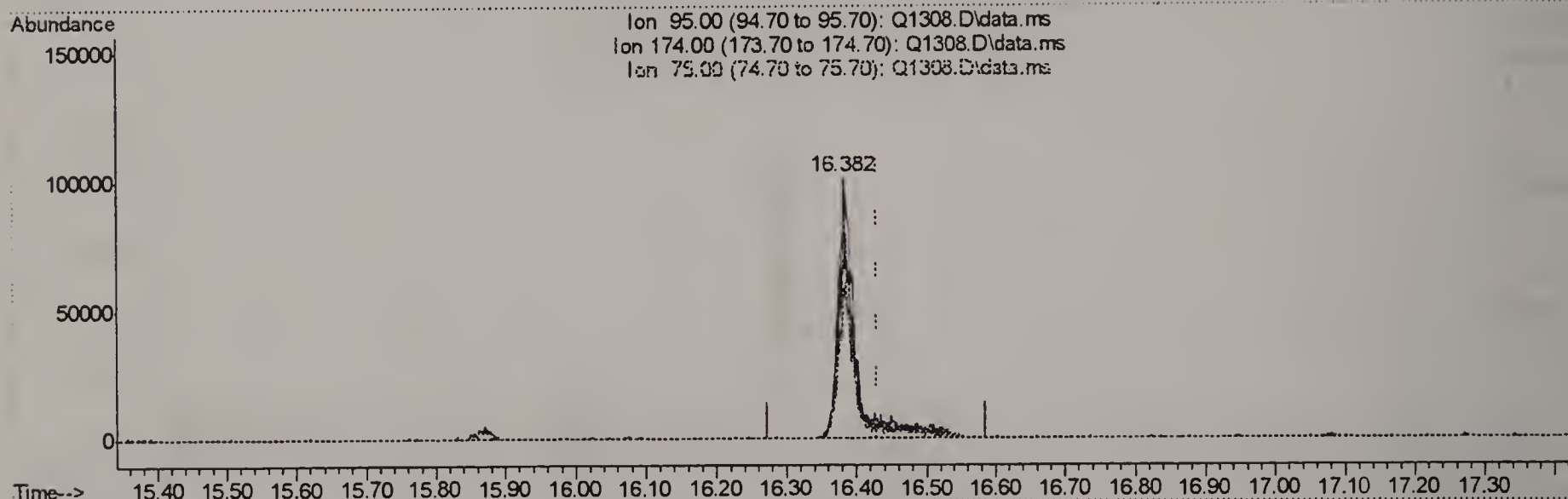
response 146670

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	79.90
75.00	52.30	63.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 4.77PPBV m

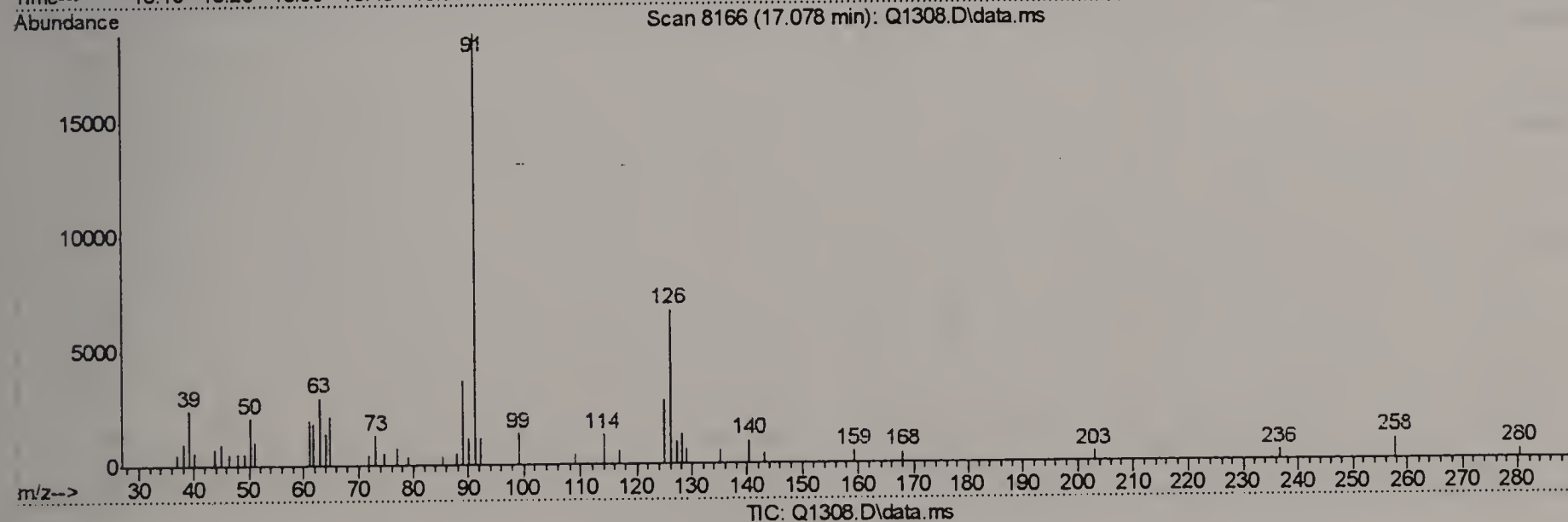
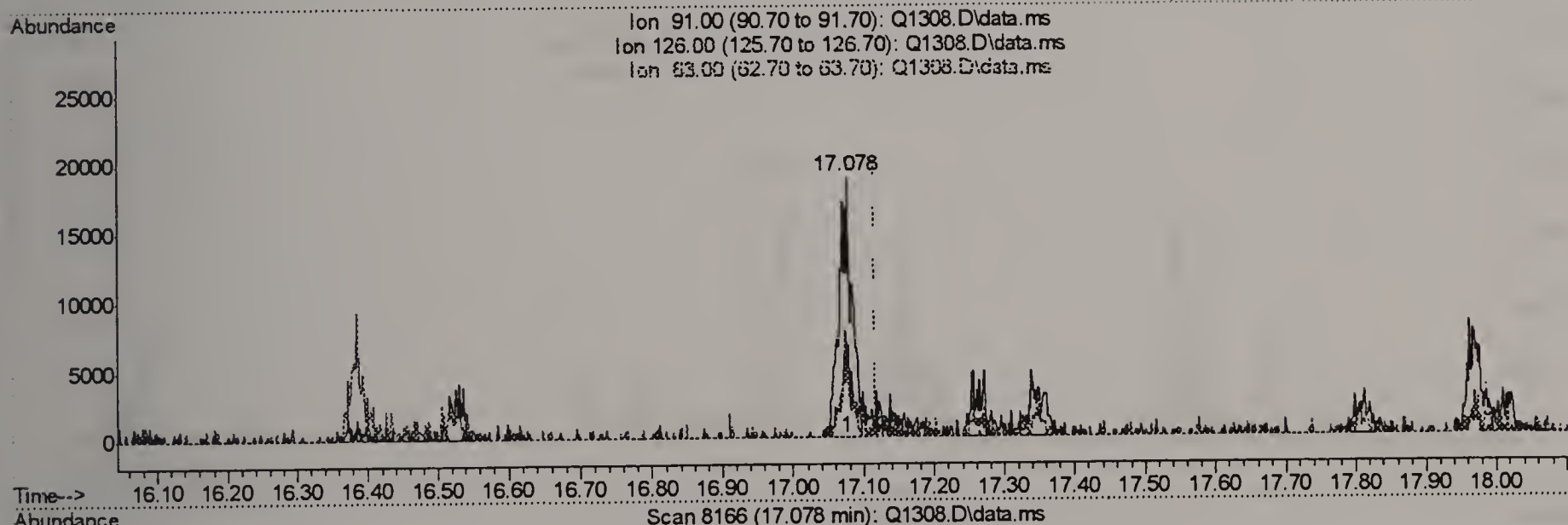
response 177761

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	65.93
75.00	52.30	52.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.078min (-0.040) 0.33PPBV

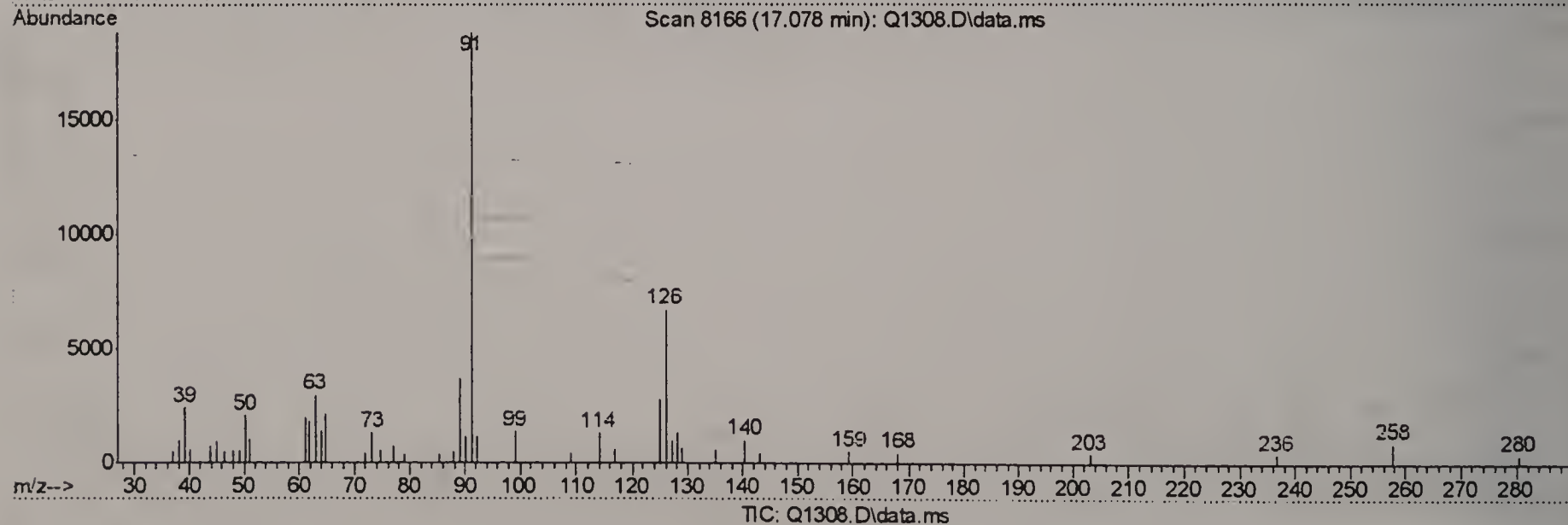
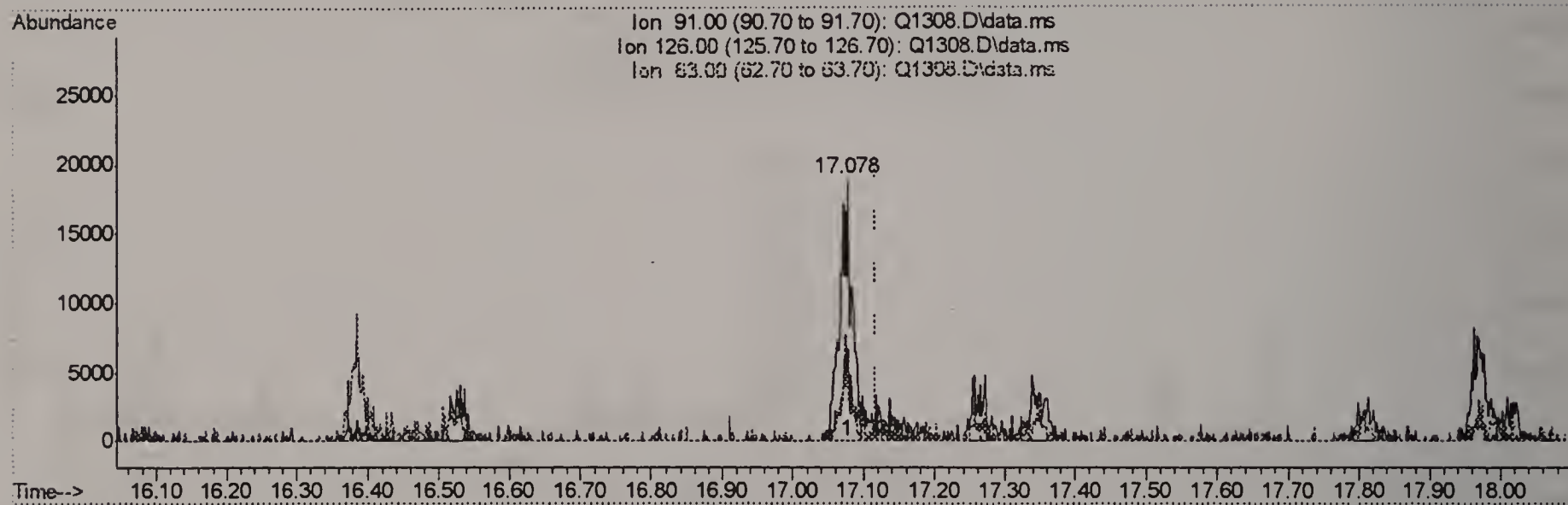
response 25161

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	33.49
63.00	17.80	26.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.078min (-0.040) 0.41PPBV m

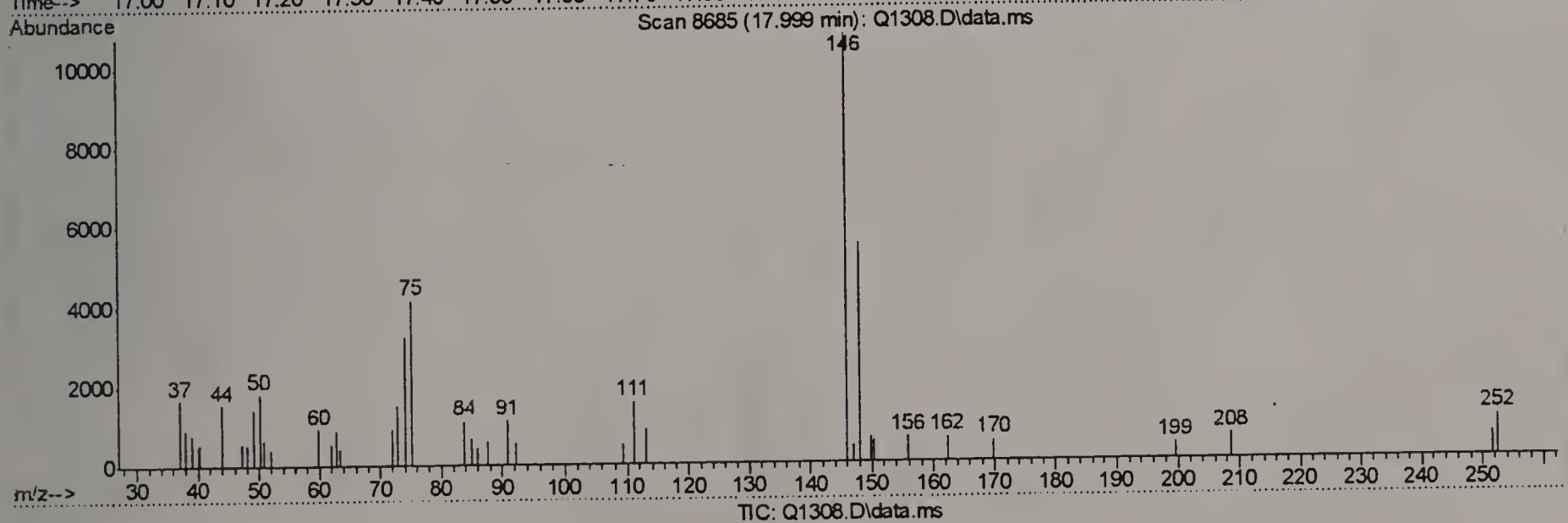
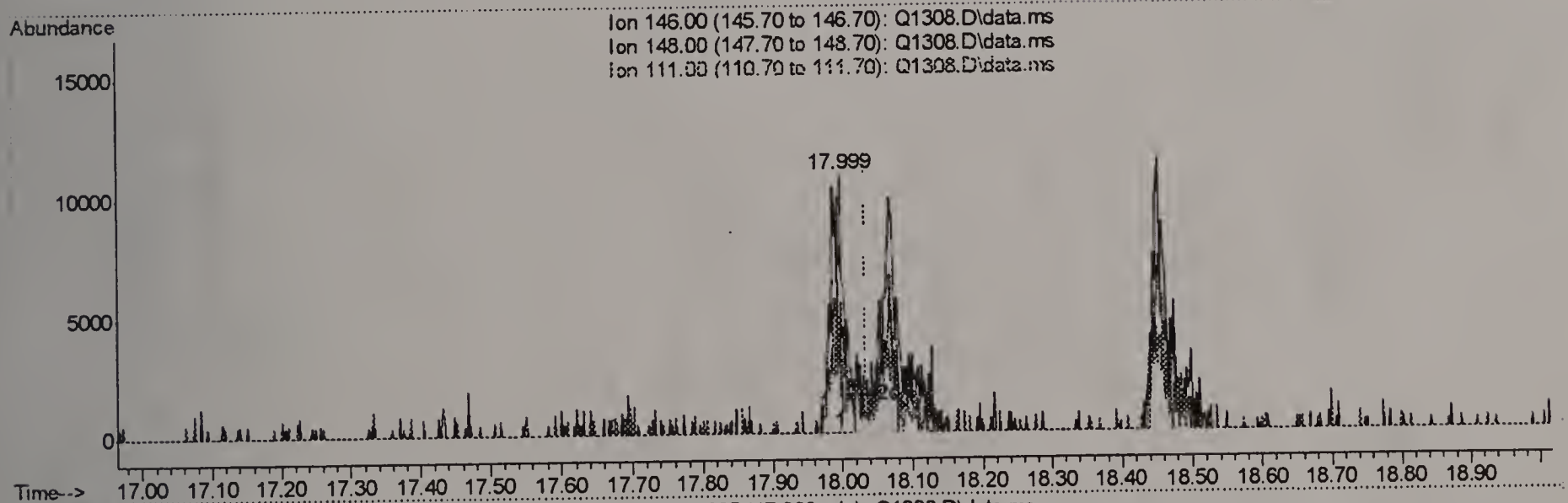
response 31330

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	26.90
63.00	17.80	21.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.37PPBV

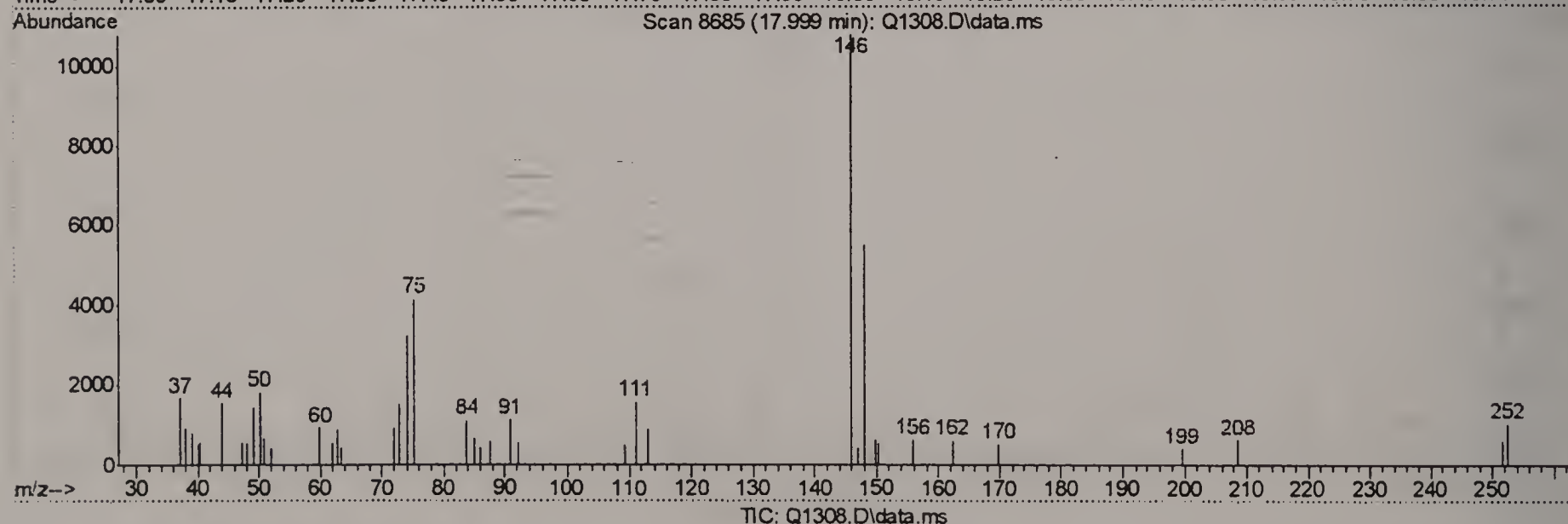
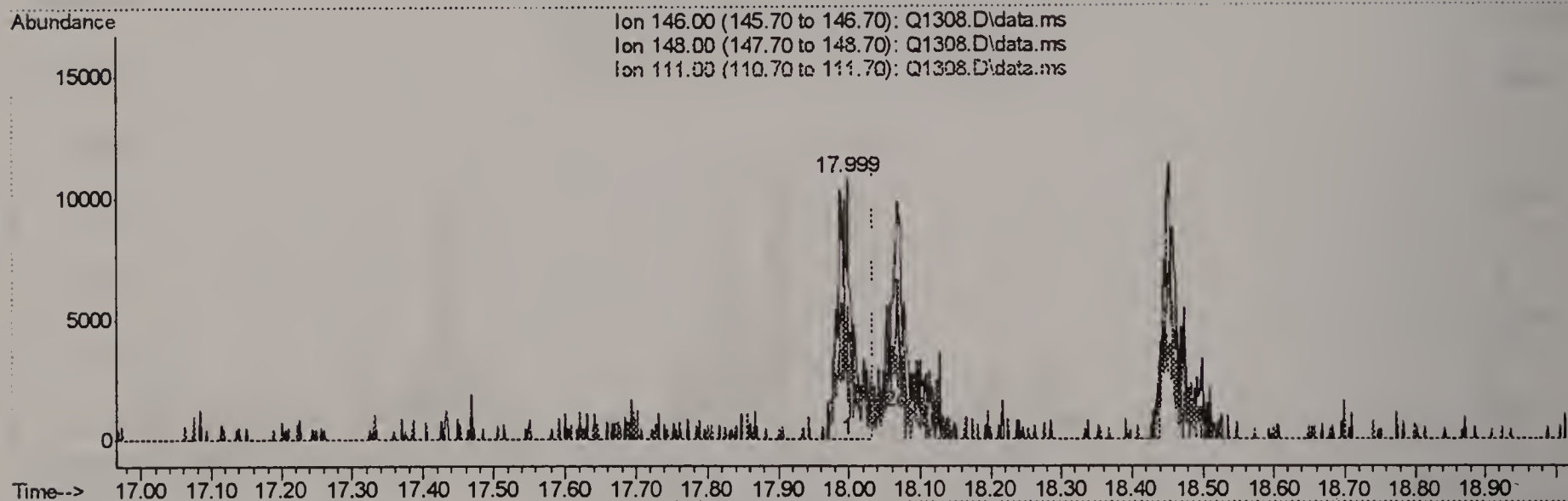
response 14794

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	59.82
111.00	44.00	38.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.42PPBV m

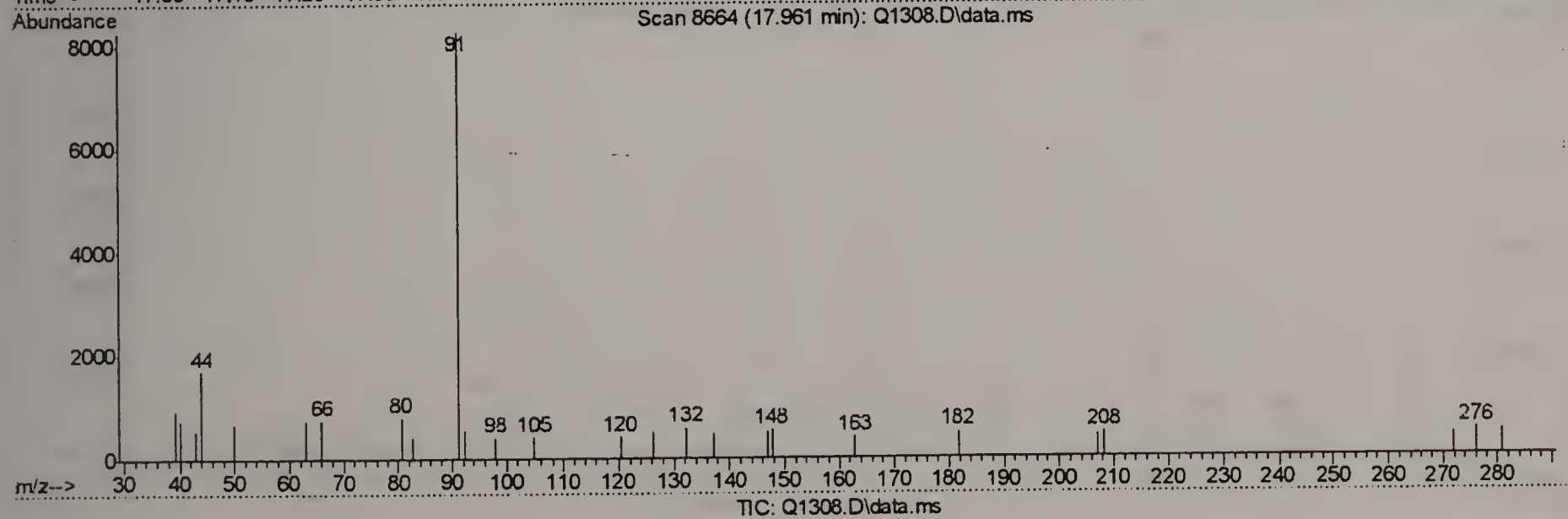
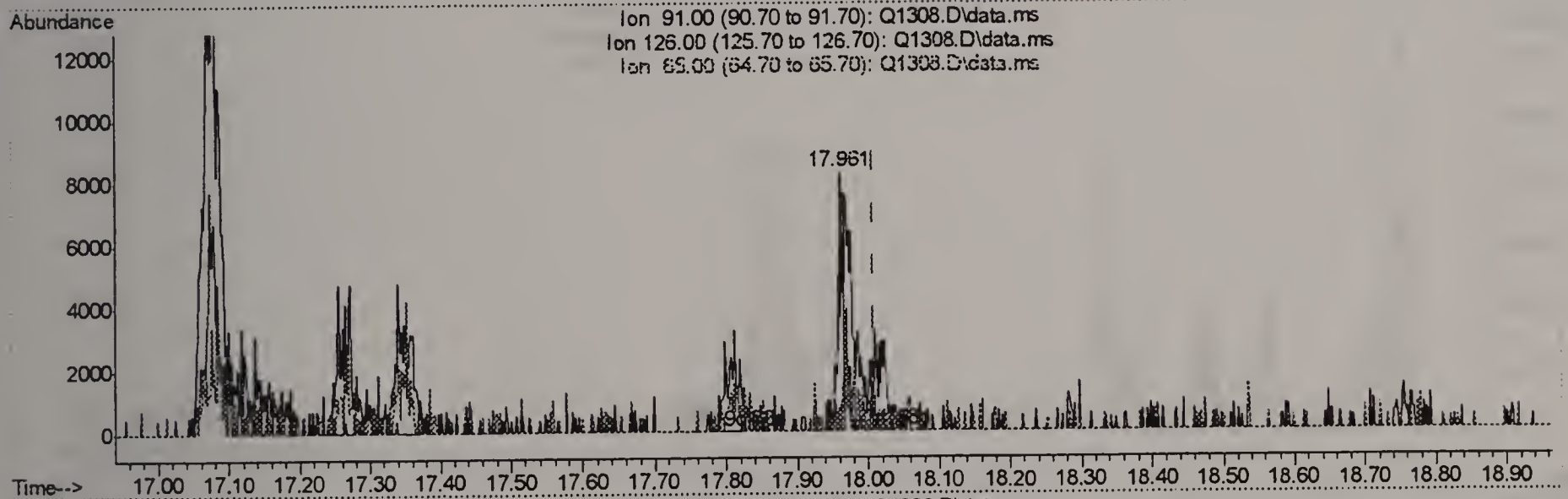
response 16580

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	53.38
111.00	44.00	34.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.961min (-0.048) 0.12PPBV

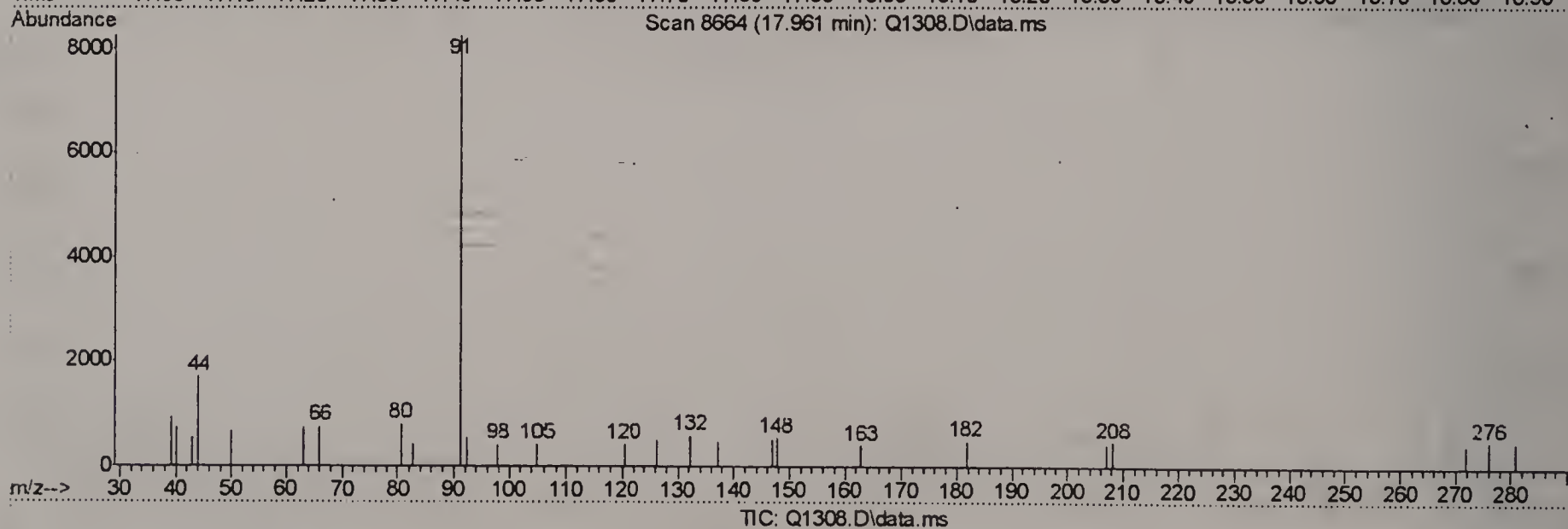
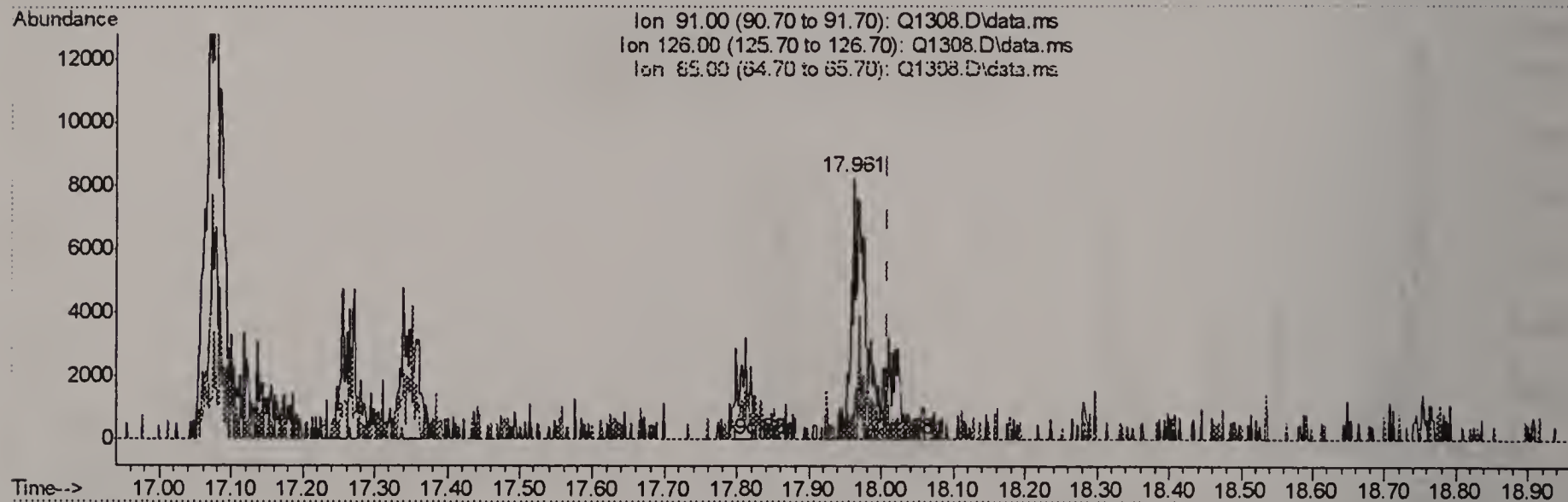
response 3845

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	3.59
65.00	14.40	5.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.961min (-0.048) 0.43PPBV m

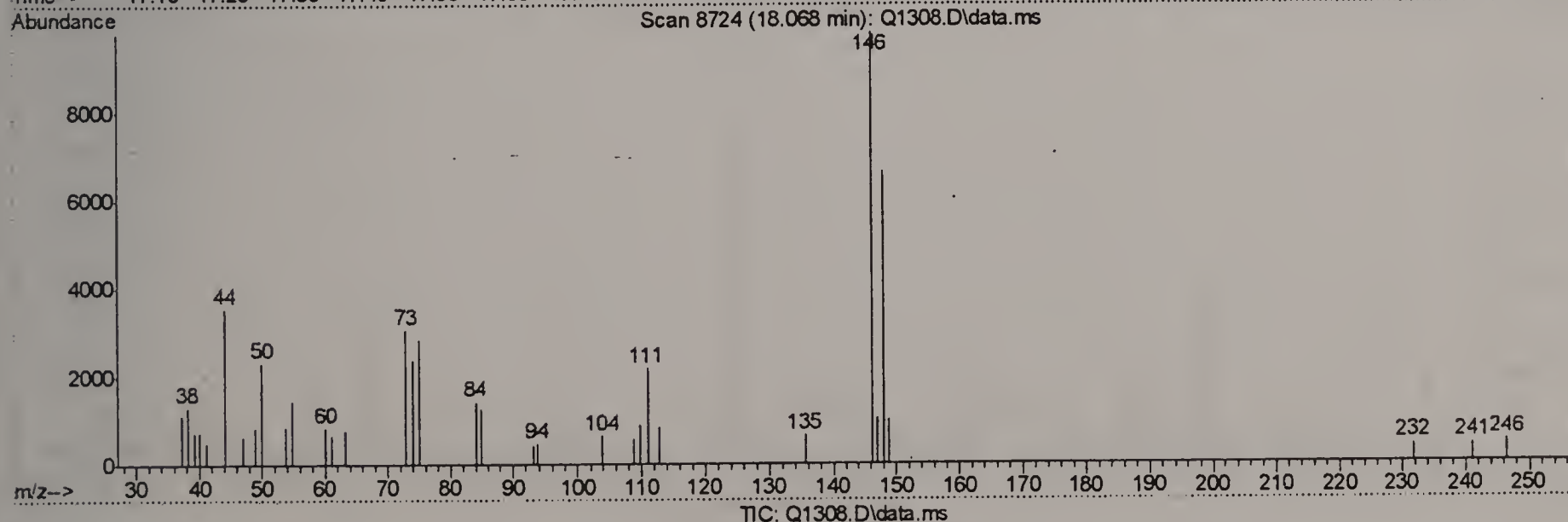
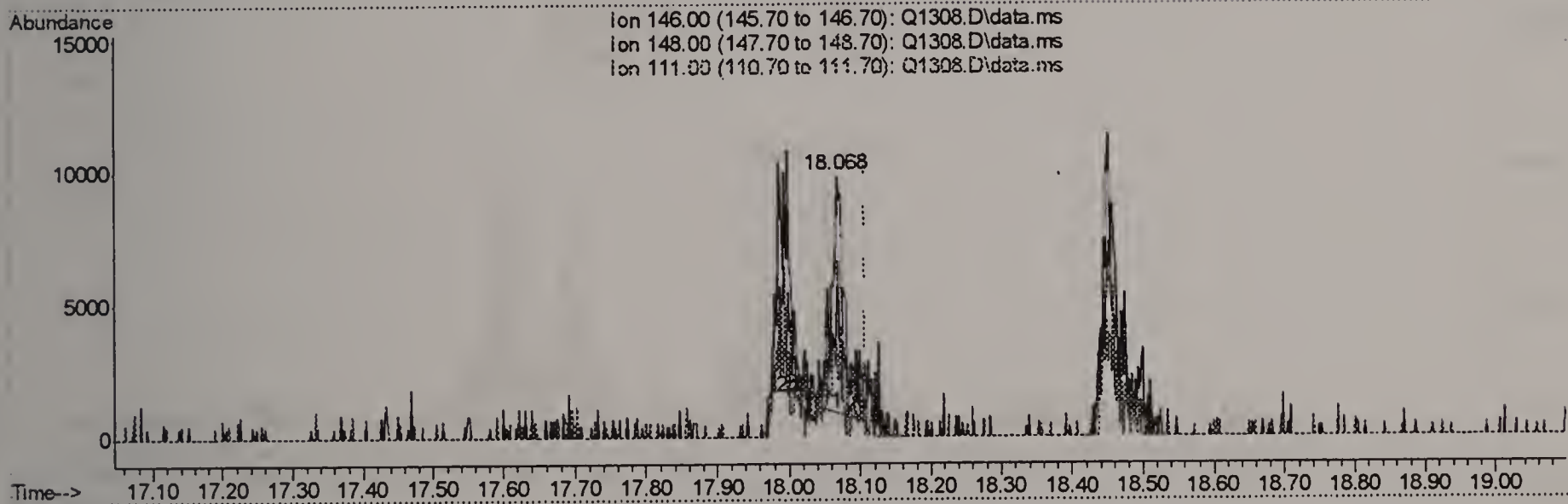
response 14404

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.96
65.00	14.40	1.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.25PPBV

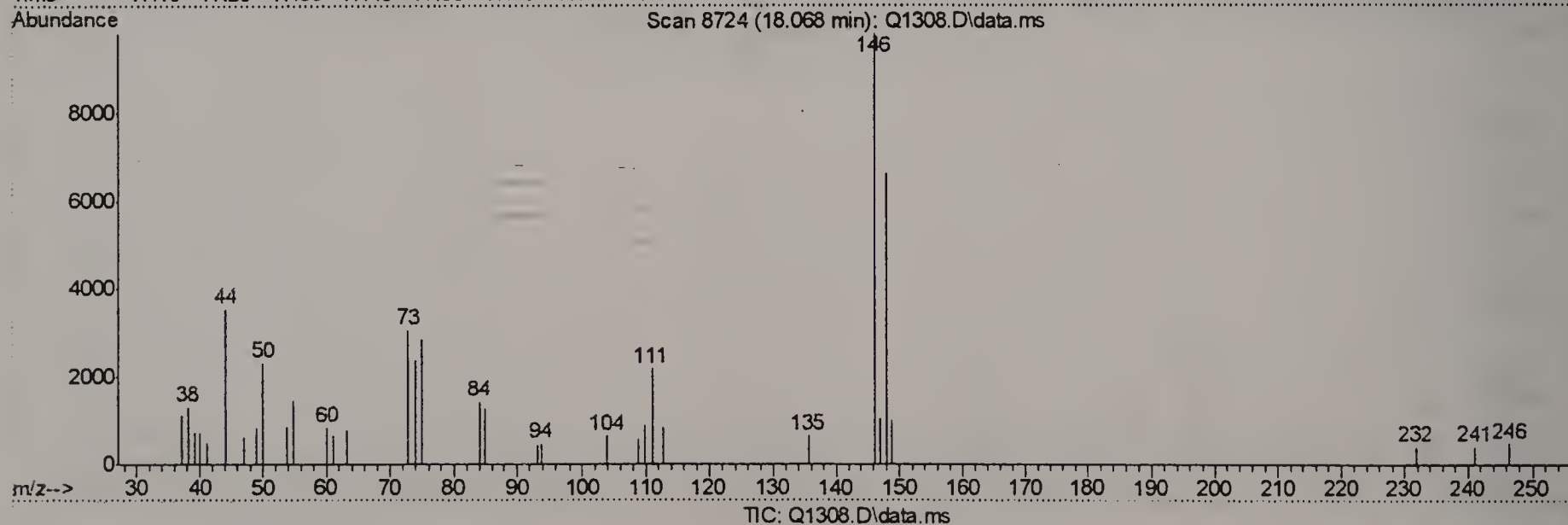
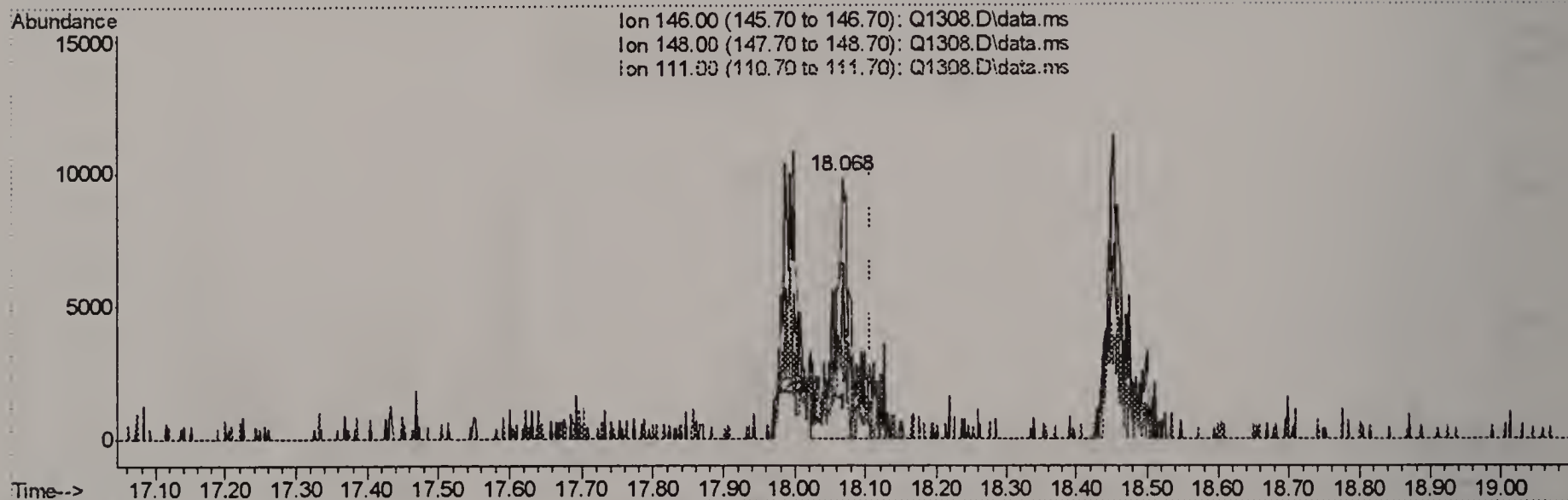
response 10630

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	50.99
111.00	42.40	40.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.45PPBV m

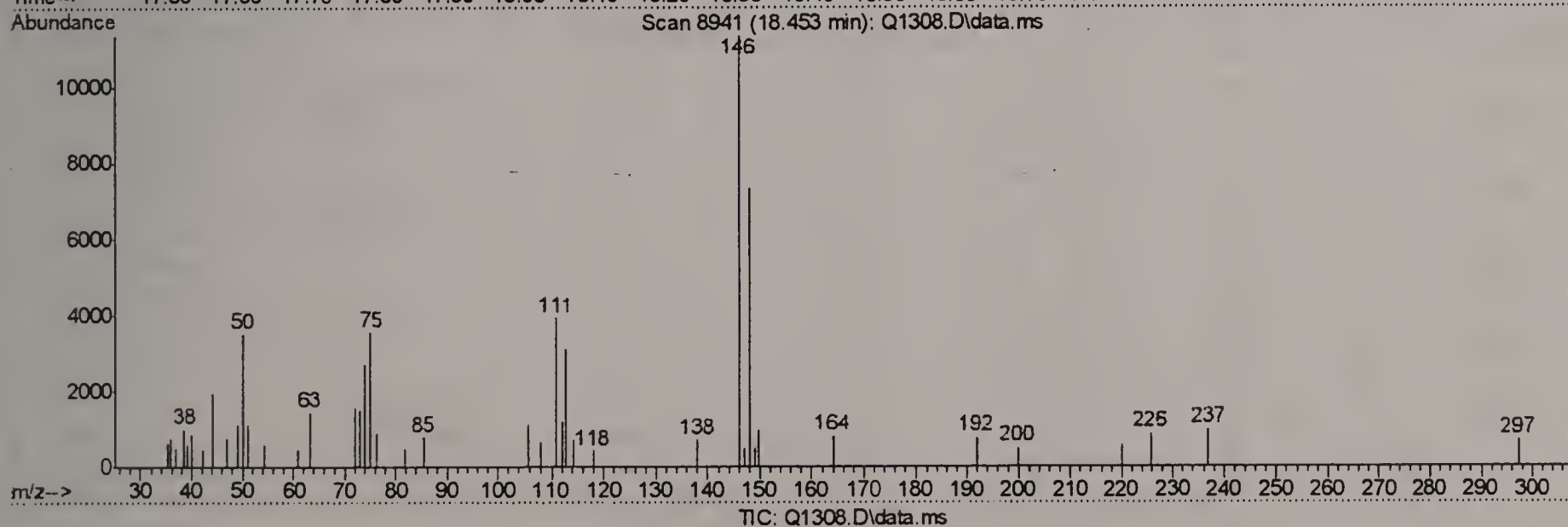
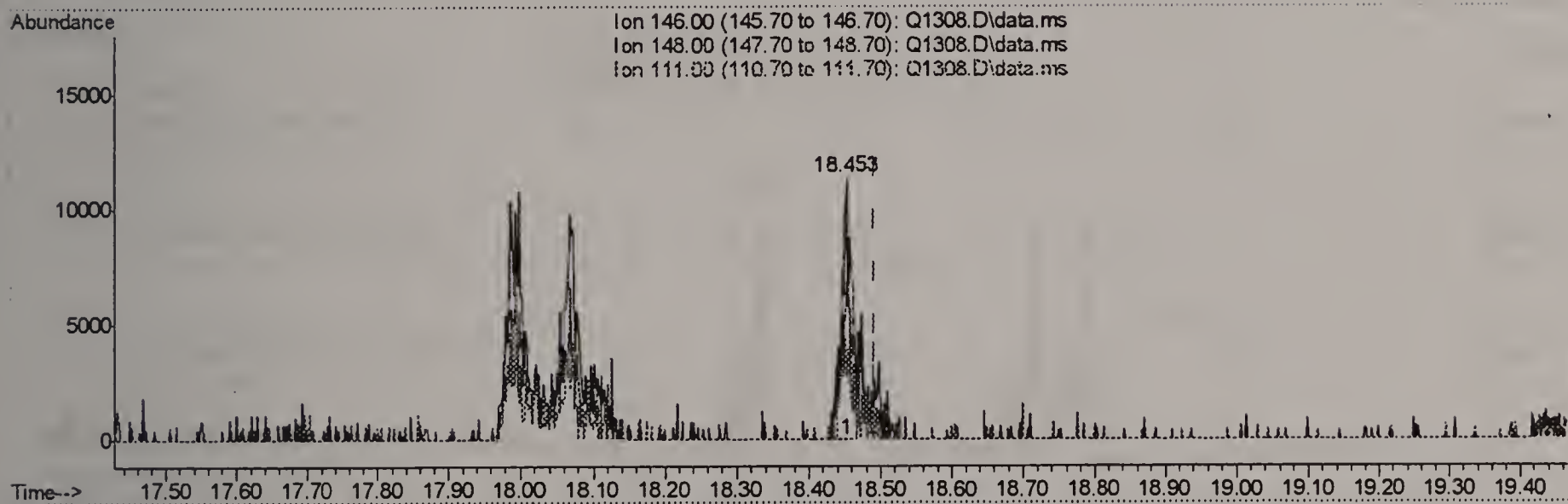
response 18949

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	28.60#
111.00	42.40	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.453min (-0.039) 0.30PPBV

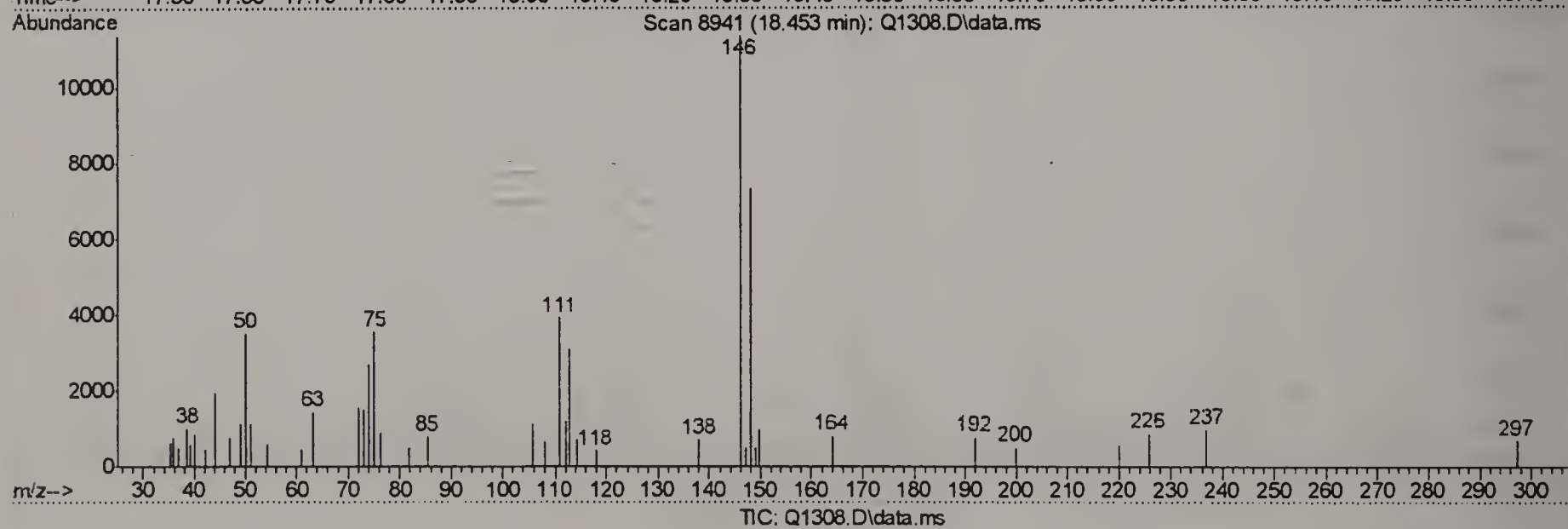
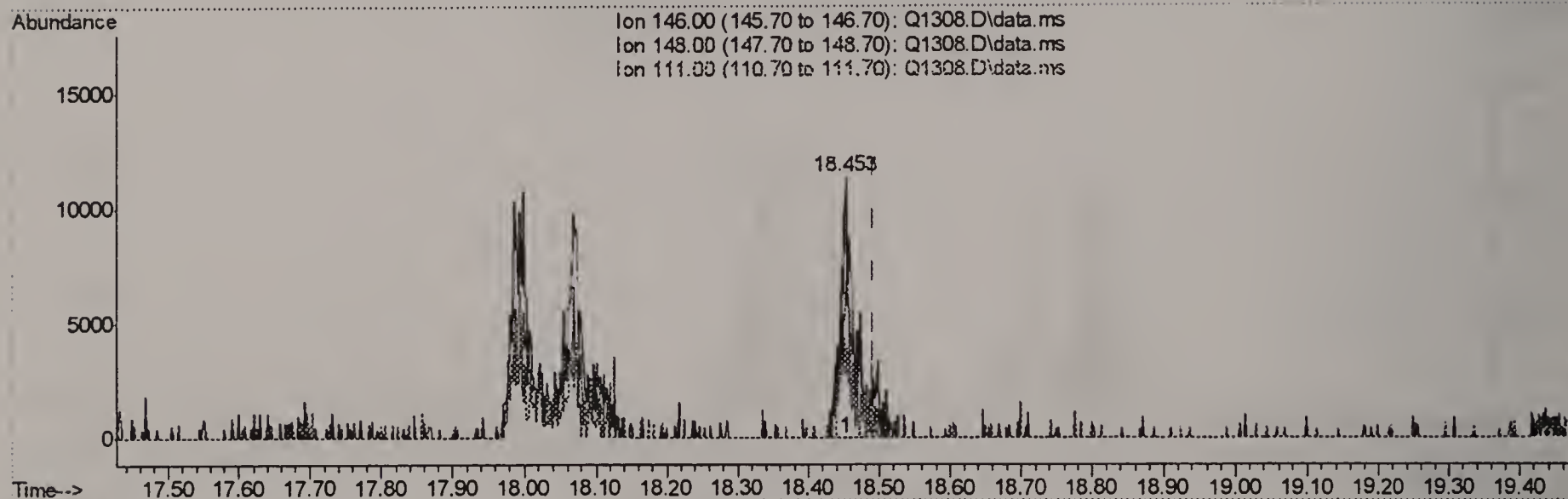
response 12358

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	89.40#
111.00	45.70	47.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



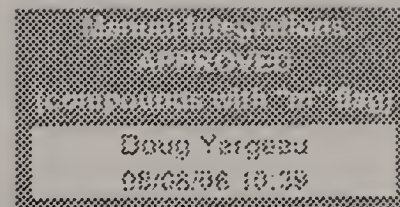
(71) o-DICHLOROBENZENE (m)

18.453min (-0.039) 0.44PPBV m

response 18214

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	60.66
111.00	45.70	31.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	638106	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1575137	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	1067900	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE	16.382	95	299951	5.73	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	114.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2118786	7.48	PPBV	100
3) PROPYLENE	3.971	41	352351	7.75	PPBV	93
4) FREON 114	4.308	85	2101549	7.96	PPBV	97
5) CHLOROMETHANE	4.211	50	460250	6.74	PPBV	96
6) VINYL CHLORIDE	4.438	62	556953	7.32	PPBV	99
7) 1,3-BUTADIENE	4.576	39	531198	8.09	PPBV	81
8) BROMOMETHANE	4.857	94	588702	7.83	PPBV	98
9) CHLOROETHANE	5.029	64	262331	7.65	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.820	101	2690481	8.15	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735545	8.66	PPBV	90
12) ACETONE	5.623	43	955550	8.53	PPBV	89
13) PENTANE	6.177	42	581847	8.08	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.461	96	536415	7.73	PPBV	91
15) CARBON DISULFIDE	6.896	76	1595646	8.24	PPBV	89
16) ETHANOL	5.114	45	196895	8.01	PPBV	95
17) BROMOETHENE	5.398	106	496025	8.29	PPBV #	88
18) METHYLENE CHLORIDE	6.578	84	499408	6.13	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	828561	8.71	PPBV #	71
20) FREON 113	6.841	151	1456333	8.85	PPBV #	82
21) TRANS-1,2-DICHLOROETHY...	7.513	96	575901	8.03	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.470	59	587133	5.58	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.749	73	1649327	9.62	PPBV	92
24) TETRAHYDROFURAN	9.191	42	398355	10.20	PPBV	79
25) HEXANE	8.717	57	979920	8.68	PPBV	88
26) VINYL ACETATE	7.833	43	1688513	10.00	PPBV	97
27) 1,1-DICHLOROETHANE	7.712	63	1321984	8.44	PPBV	95
28) METHYL ETHYL KETONE	8.076	43	1247030	8.94	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.520	96	683546	8.57	PPBV	90
30) ETHYL ACETATE	8.713	43	2187388	9.06	PPBV	99
31) CHLOROFORM	8.802	83	1874567	9.33	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.762	97	1215983	9.22	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1402557	9.28	PPBV	99
34) 1,2-DICHLOROETHANE	9.515	62	720411	9.33	PPBV	97
36) BENZENE	10.202	78	1306010	9.77	PPBV	94
37) CYCLOHEXANE	10.470	84	532358	8.36	PPBV #	70
38) TRICHLOROETHYLENE	11.201	95	621987	9.49	PPBV	93
39) 1,2-DICHLOROPROPANE	10.980	63	438439	9.22	PPBV	90
40) BROMODICHLOROMETHANE	11.166	83	937589	9.31	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.224	57	2290072	9.30	PPBV	98
42) 1,4-DIOXANE	11.185	88	199490	10.07	PPBV #	81
43) HEPTANE	11.464	43	797218	9.93	PPBV	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1309.D
Acq On : 7 Aug 2006 4:12 pm
Operator : PhilipB
Sample : ICC68-10 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:13 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:48:29 2006
Response via : Initial Calibration

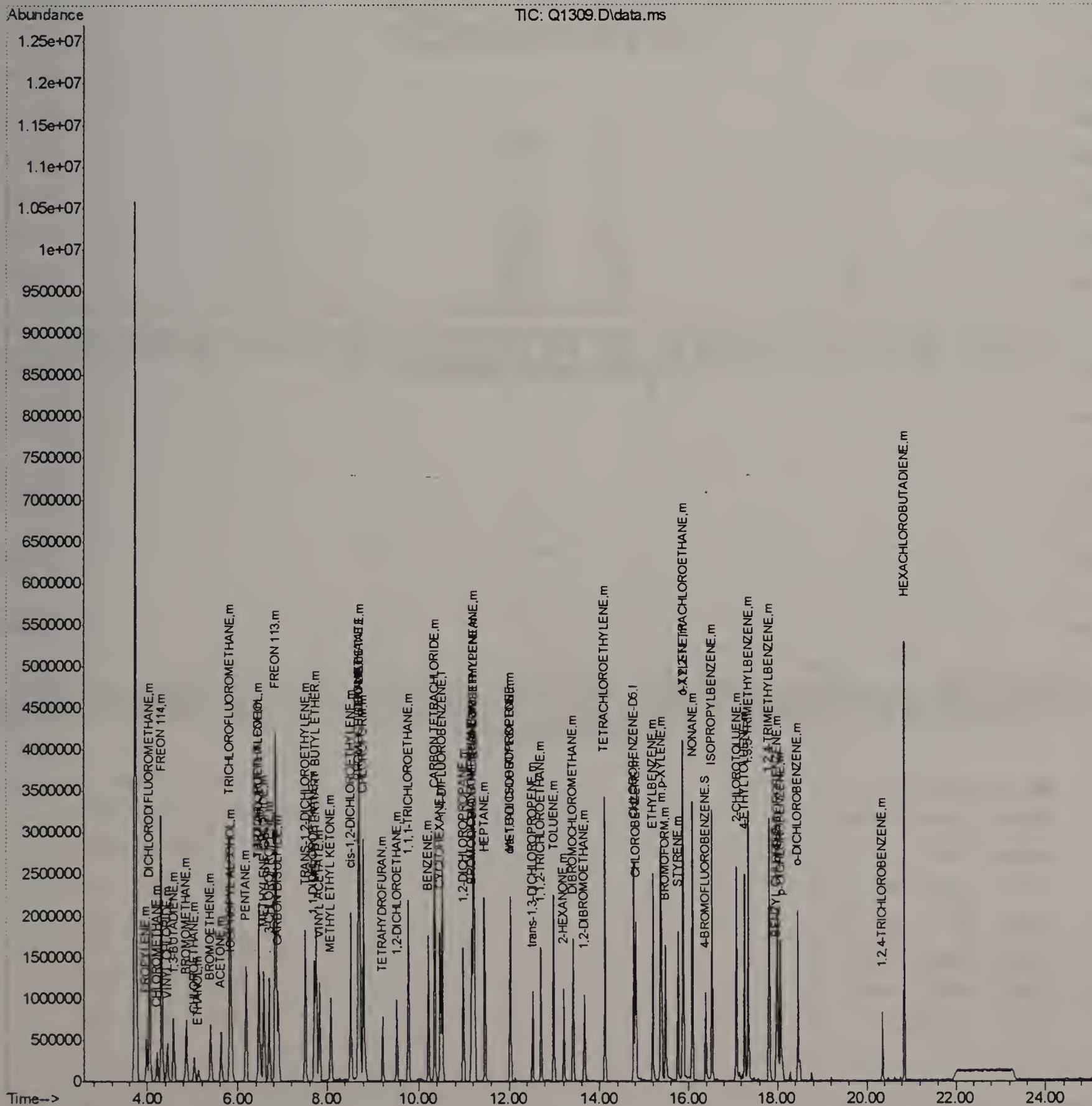
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.036	43	932150	10.07	PPBV	96
45) cis-1,3-DICHLOROPROPENE	12.018	75	612866	10.29	PPBV	94
46) TOLUENE	12.983	92	756926	10.70	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.518	75	446271	11.38	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.701	83	373640	9.51	PPBV	97
50) 2-HEXANONE	13.202	43	728495	10.48	PPBV	96
51) TETRACHLOROETHYLENE	14.114	164	545490	10.45	PPBV	90
52) DIBROMOCHLOROMETHANE	13.407	129	652950	9.63	PPBV	99
53) 1,2-DIBROMOETHANE	13.659	107	534270	9.54	PPBV	96
54) CHLOROBENZENE	14.809	112	764880	9.10	PPBV	93
55) ETHYLBENZENE	15.188	91	1534650	11.14	PPBV	98
56) m,p-XYLENE	15.384	106	1098599m	21.10	PPBV	
57) o-XYLENE	15.880	106	565144	10.91	PPBV	95
58) STYRENE	15.766	104	693257	12.17	PPBV	95
59) NONANE	16.082	43	1198321	10.32	PPBV	91
60) BROMOFORM	15.482	173	627450	11.32	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.871	83	927156	10.15	PPBV	97
63) ISOPROPYLBENZENE	16.527	105	1765539	10.96	PPBV	95
64) 2-CHLOROTOLUENE	17.076	91	1261998	11.30	PPBV	97
65) 4-ETHYLTOLUENE	17.260	105	1329278	12.58	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.347	105	1470346	11.88	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1369628	13.07	PPBV	96
68) m-DICHLOROBENZENE	17.993	146	664419	11.90	PPBV	96
69) BENZYL CHLORIDE	17.970	91	619562	13.34	PPBV	95
70) p-DICHLOROBENZENE	18.068	146	656788	11.24	PPBV	91
71) o-DICHLOROBENZENE	18.451	146	669874	11.55	PPBV	97
72) HEXACHLOROBUTADIENE	20.844	225	606342	11.01	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.354	180	162028	11.43	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

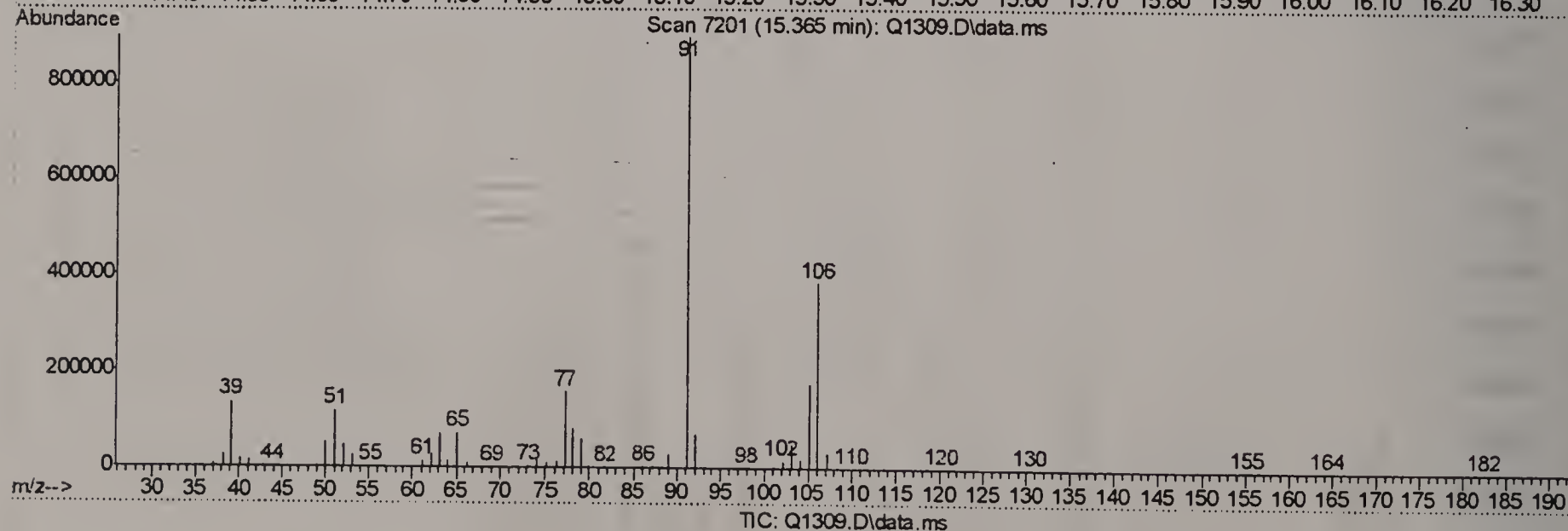
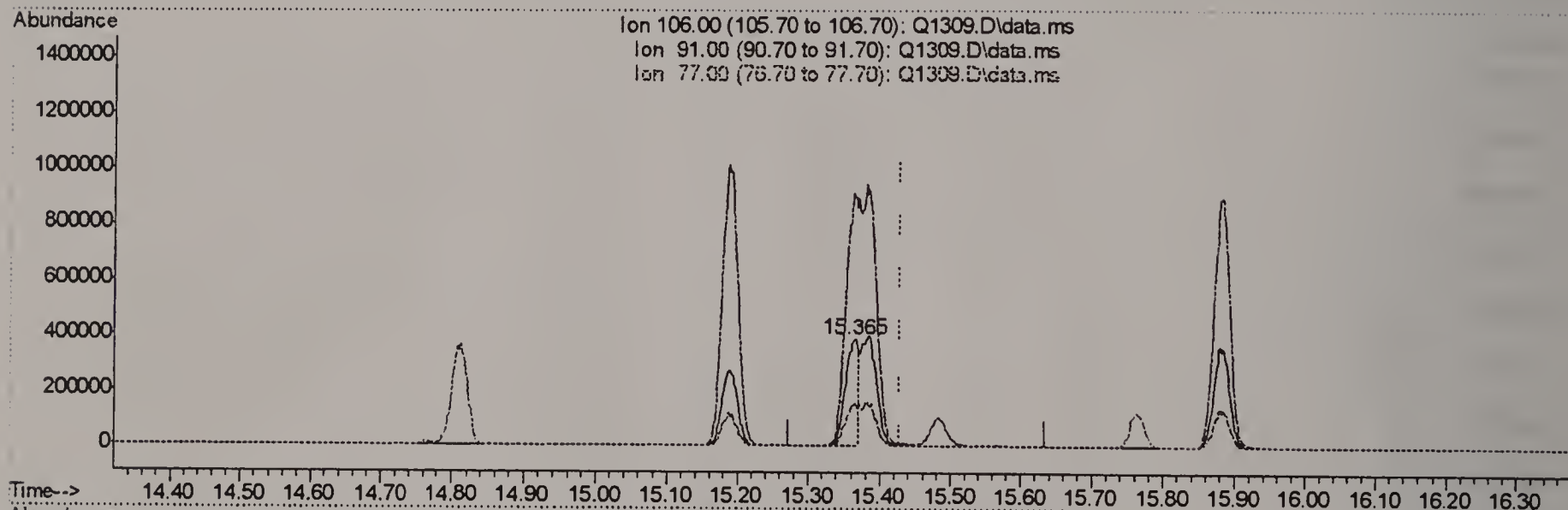
Quant Time: Aug 07 18:49:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.064) 9.21PPBV

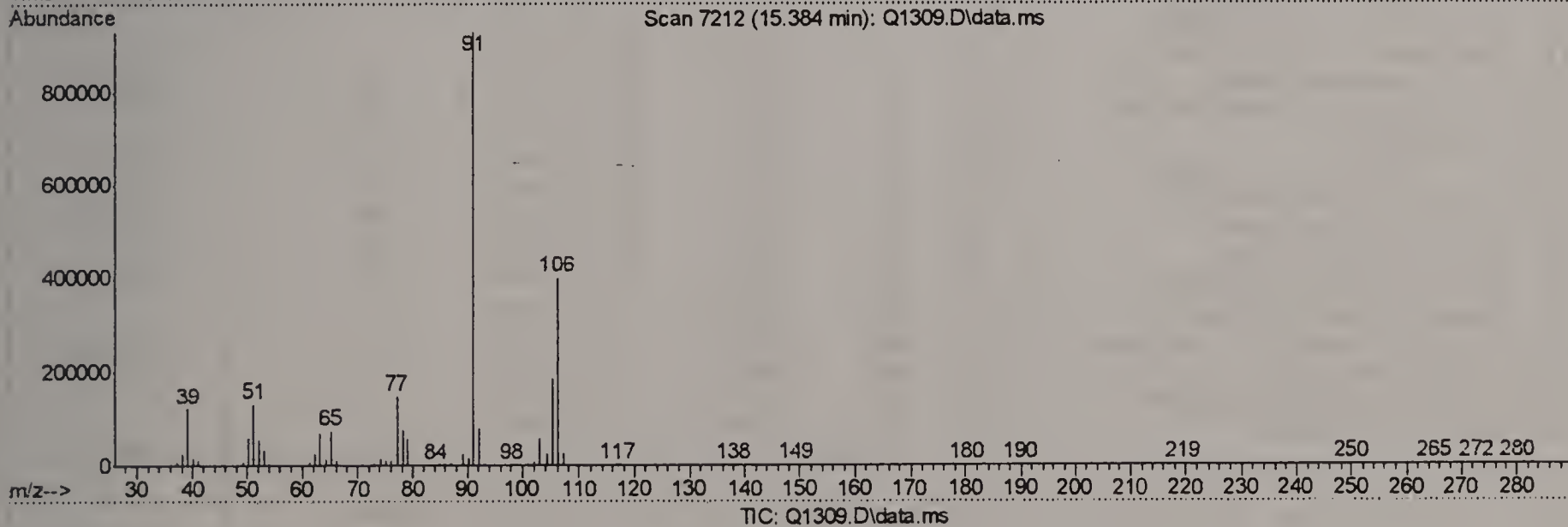
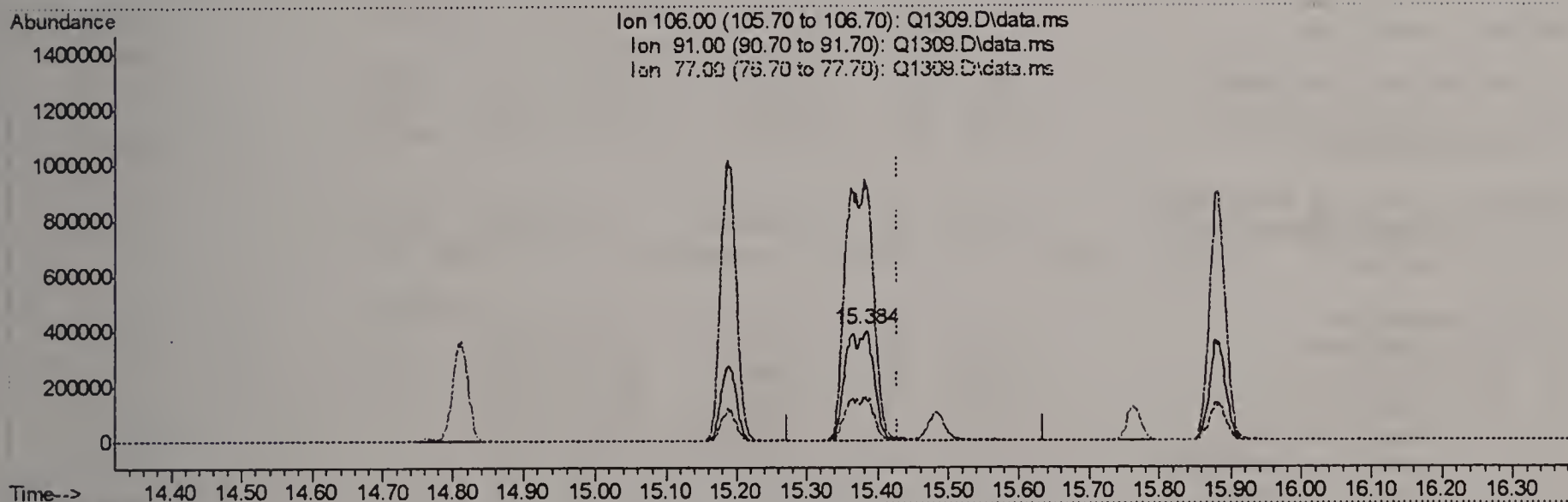
response 479347

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	232.23
77.00	31.80	40.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



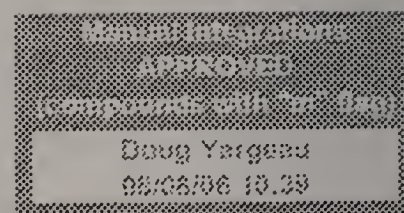
(56) m,p-XYLENE (m)

15.384min (-0.045) 21.10PPBV m

response 1098599

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	231.18
77.00	31.80	36.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:59:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	405882	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1076973	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	644742	10.00	PPBV	-0.05

System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.384	95	130143m	4.02	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	80.40%

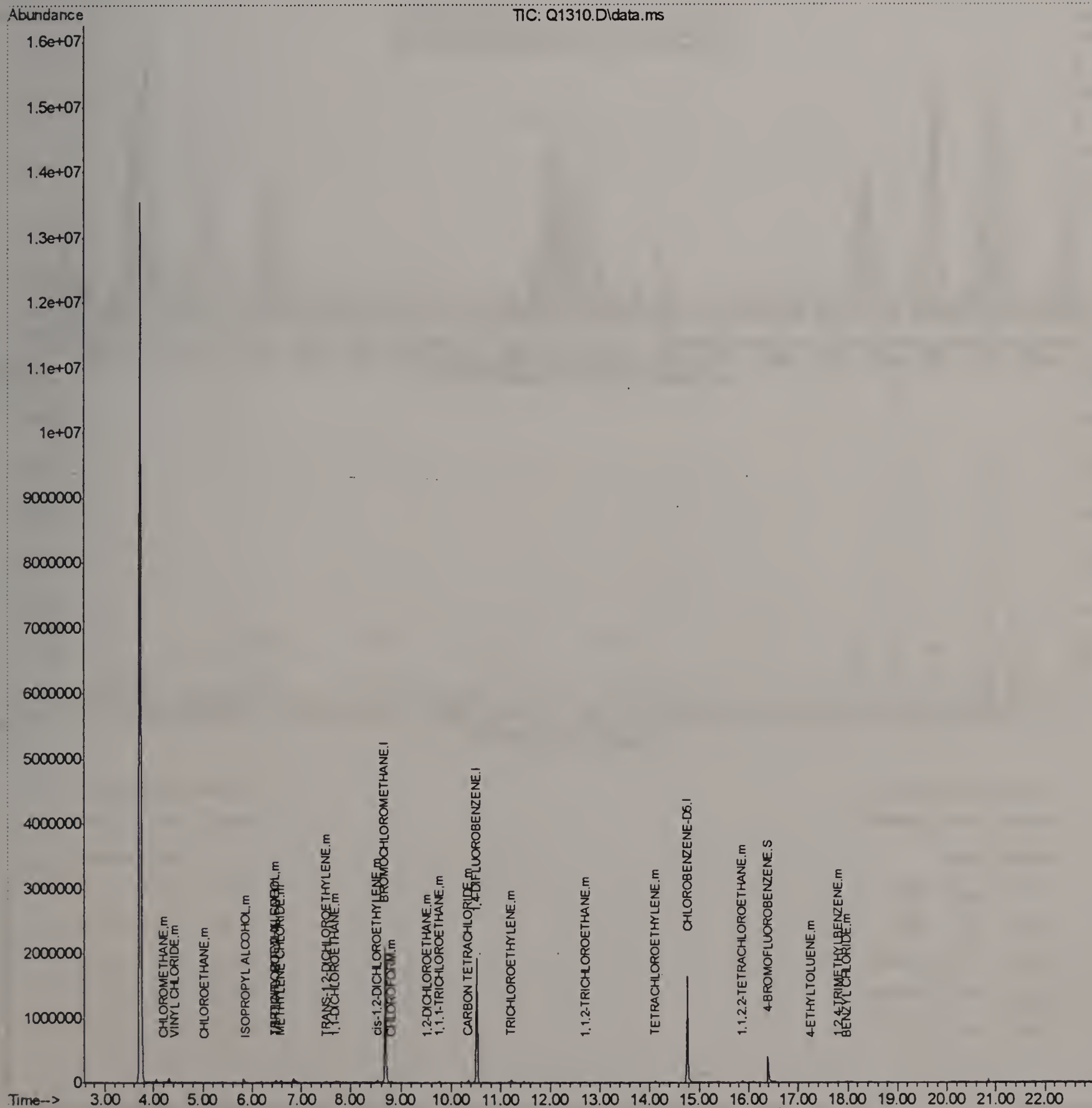
Target Compounds						Qvalue
5) CHLOROMETHANE	4.211	50	12057m	0.30	PPBV	
6) VINYL CHLORIDE	4.438	62	11932	0.26	PPBV #	52
9) CHLOROETHANE	5.041	64	5513m	0.26	PPBV	
11) ISOPROPYL ALCOHOL	5.872	45	12972m	0.28	PPBV	
14) 1,1-DICHLOROETHYLENE	6.466	96	10873m	0.26	PPBV	
18) METHYLENE CHLORIDE	6.584	84	18216	0.38	PPBV	75
21) TRANS-1,2-DICHLOROETHY...	7.501	96	10377m	0.23	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.475	59	17306m	0.31	PPBV	
27) 1,1-DICHLOROETHANE	7.702	63	22292	0.23	PPBV	80
29) cis-1,2-DICHLOROETHYLENE	8.513	96	11669	0.23	PPBV #	77
31) CHLOROFORM	8.809	83	18561	0.15	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.760	97	18252	0.22	PPBV #	77
33) CARBON TETRACHLORIDE	10.351	117	22182	0.23	PPBV	87
34) 1,2-DICHLOROETHANE	9.519	62	9867	0.20	PPBV	98
38) TRICHLOROETHYLENE	11.200	95	7560	0.17	PPBV #	84
48) 1,1,2-TRICHLOROETHANE	12.701	83	4502	0.16	PPBV	92
51) TETRACHLOROETHYLENE	14.112	164	5766m	0.17	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.867	83	9699	0.17	PPBV	85
65) 4-ETHYLTOLUENE	17.262	105	6436m	0.09	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	6735m	0.09	PPBV	
69) BENZYL CHLORIDE	17.971	91	3699m	0.11	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

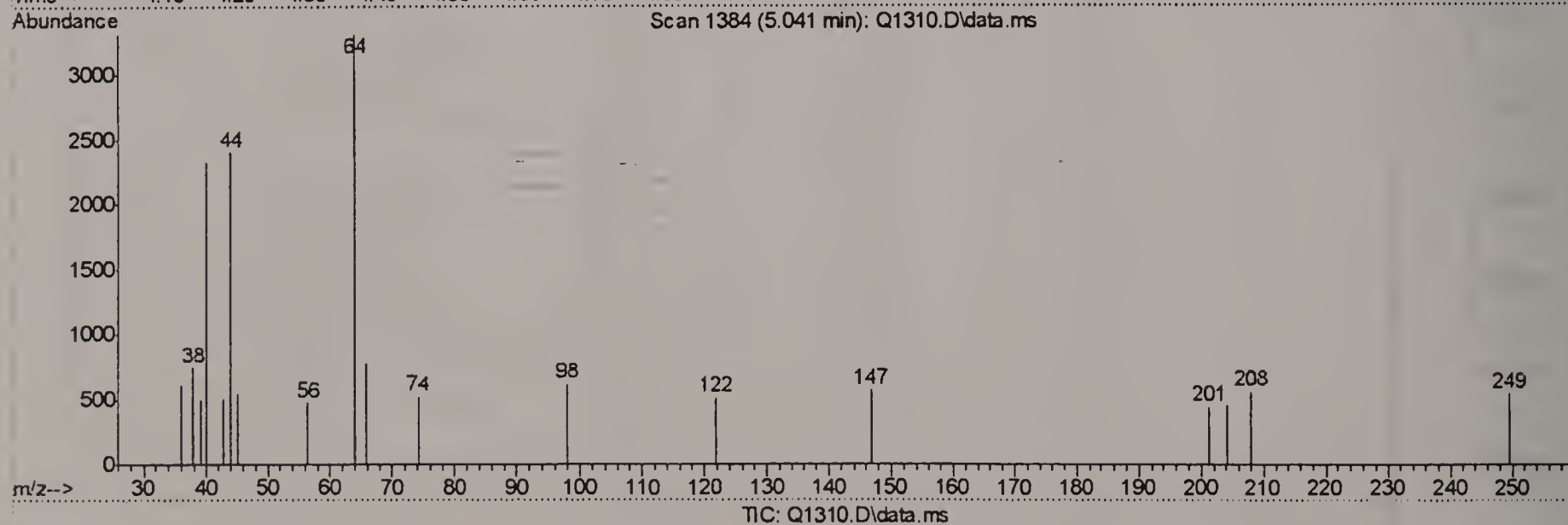
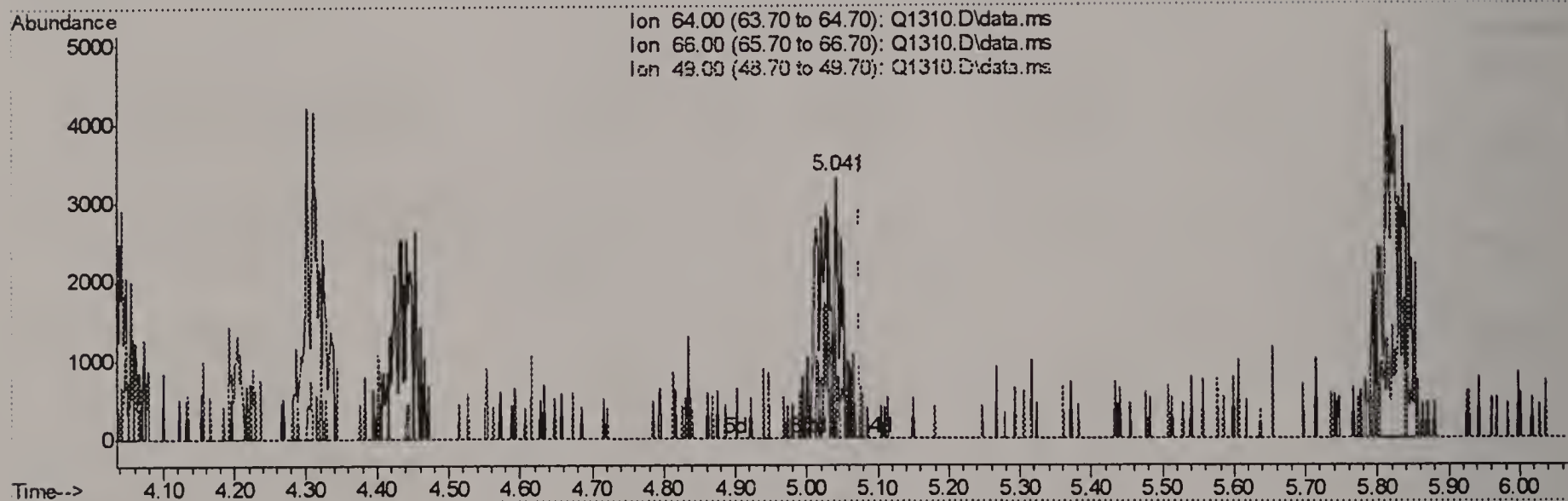
Quant Time: Aug 07 18:59:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.041min (-0.034) 0.10PPBV

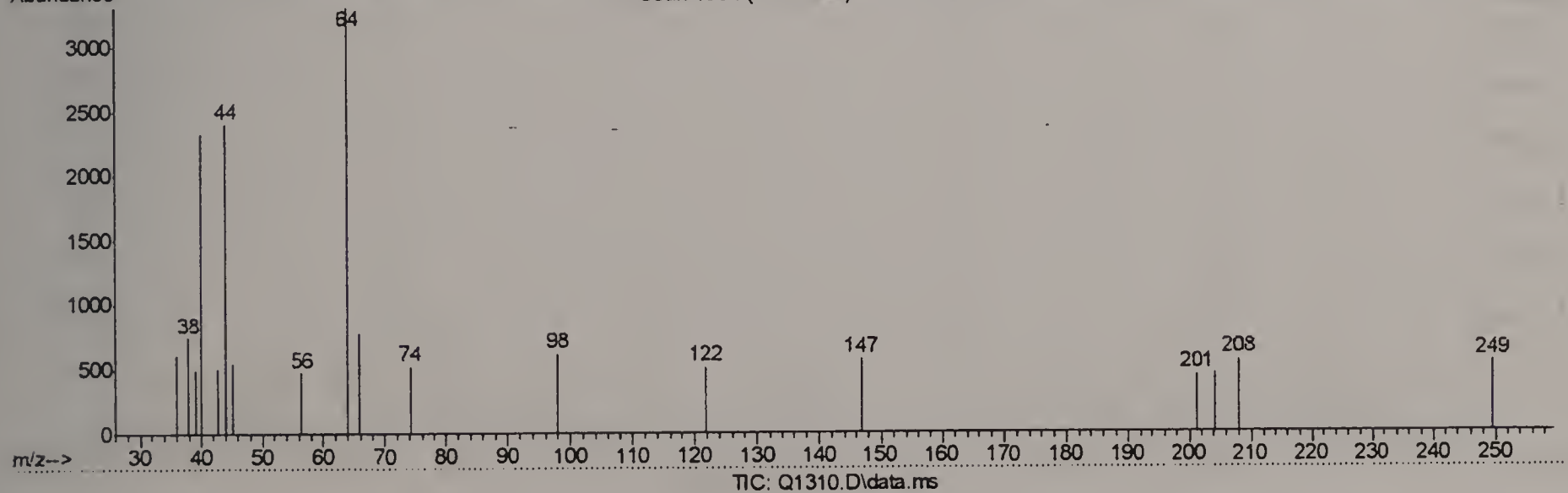
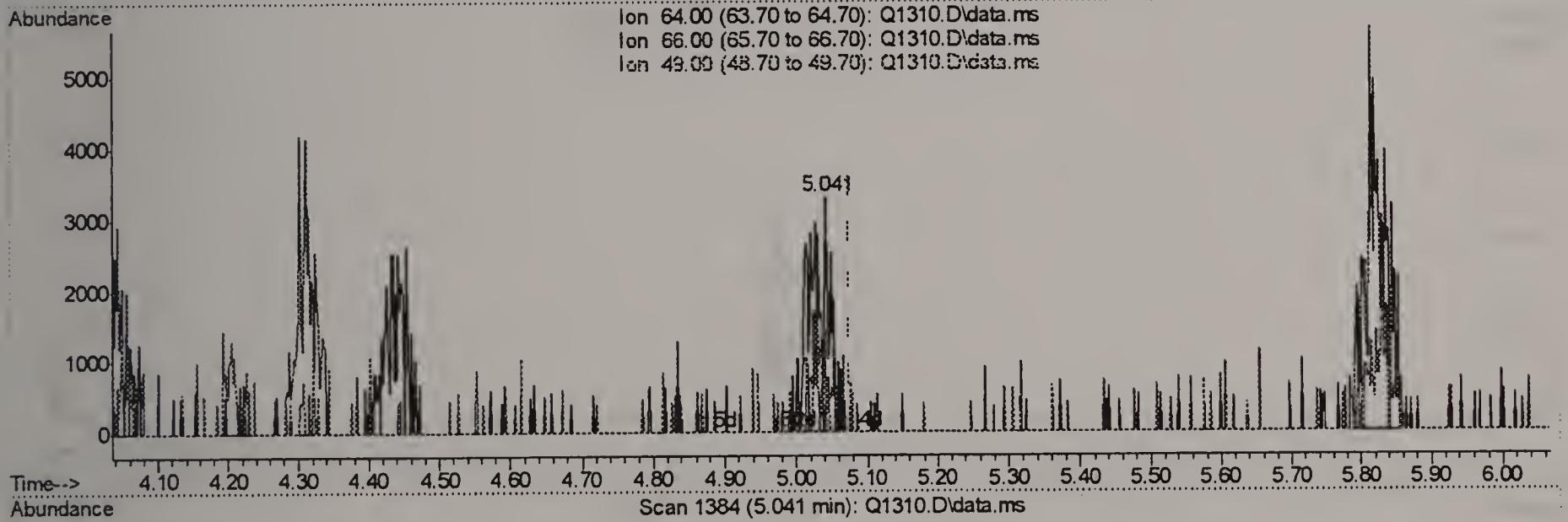
response 2012

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	0.00#
49.00	38.10	15.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.041min (-0.034) 0.26PPBV m

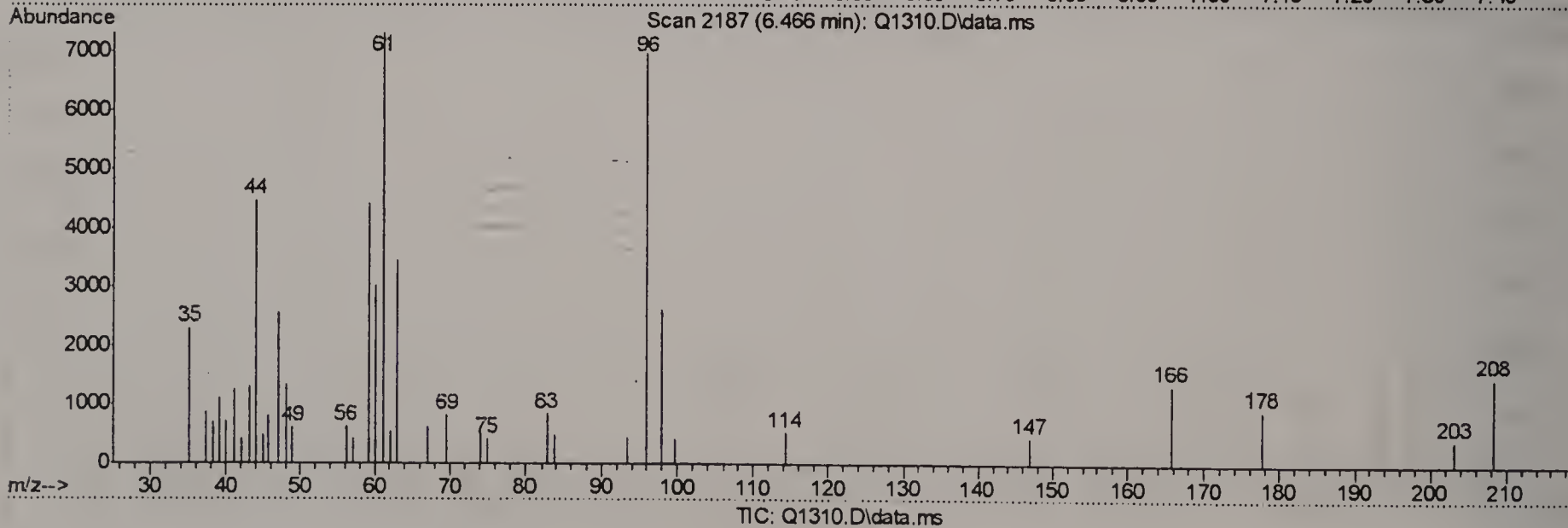
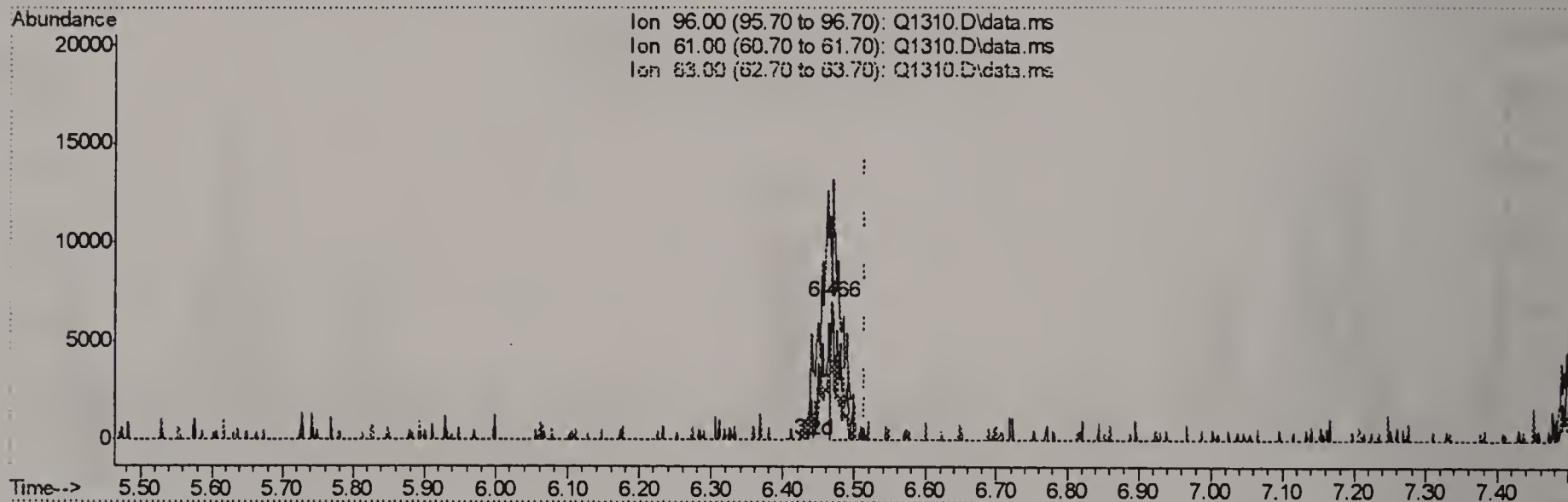
response 5513

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	0.00#
49.00	38.10	5.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.466min (-0.048) 0.13PPBV

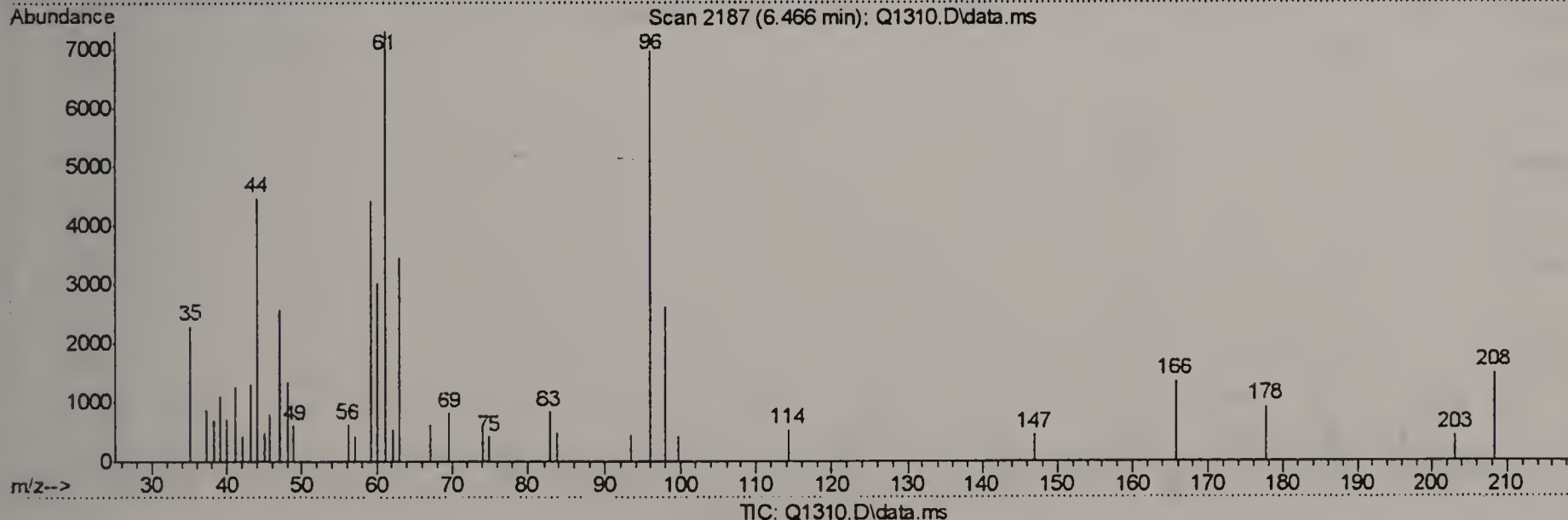
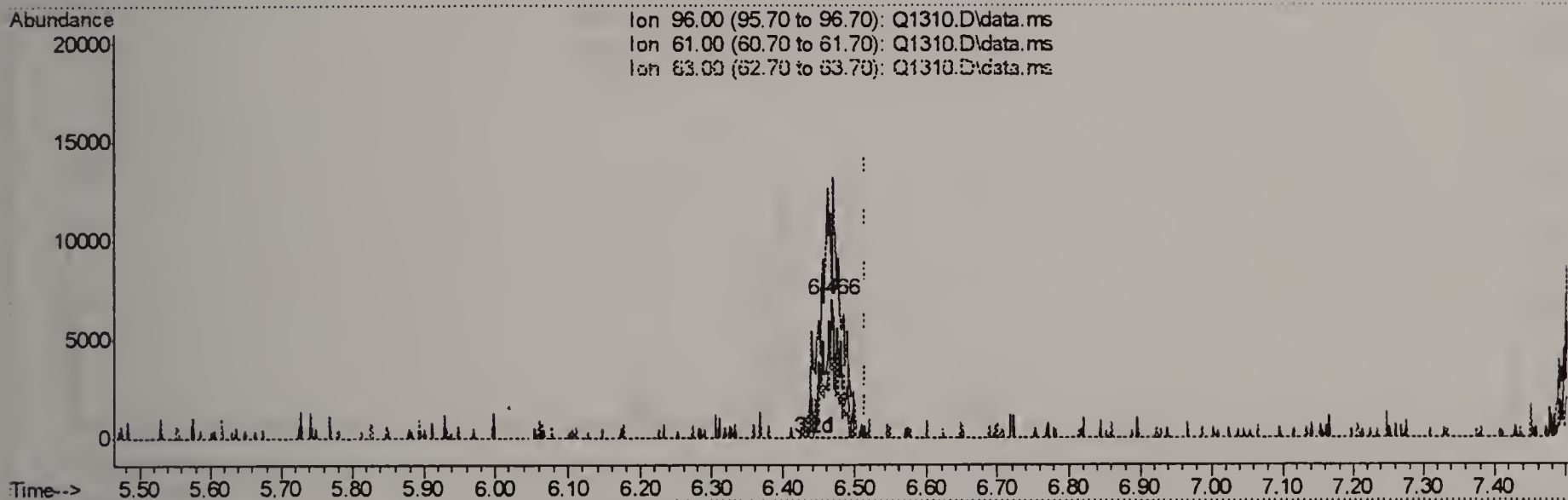
response 5610

Ion	Exp%	Act%
96.00	100	100
61.00	228.90	441.76#
63.00	70.60	107.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.466min (-0.048) 0.26PPBV m

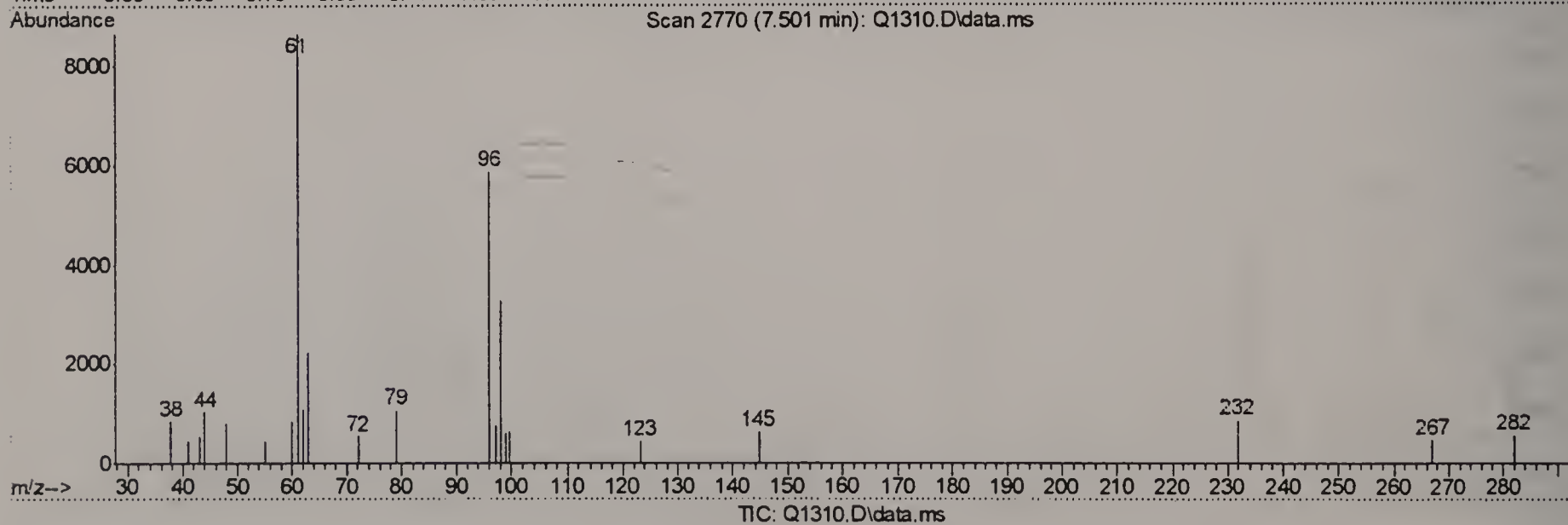
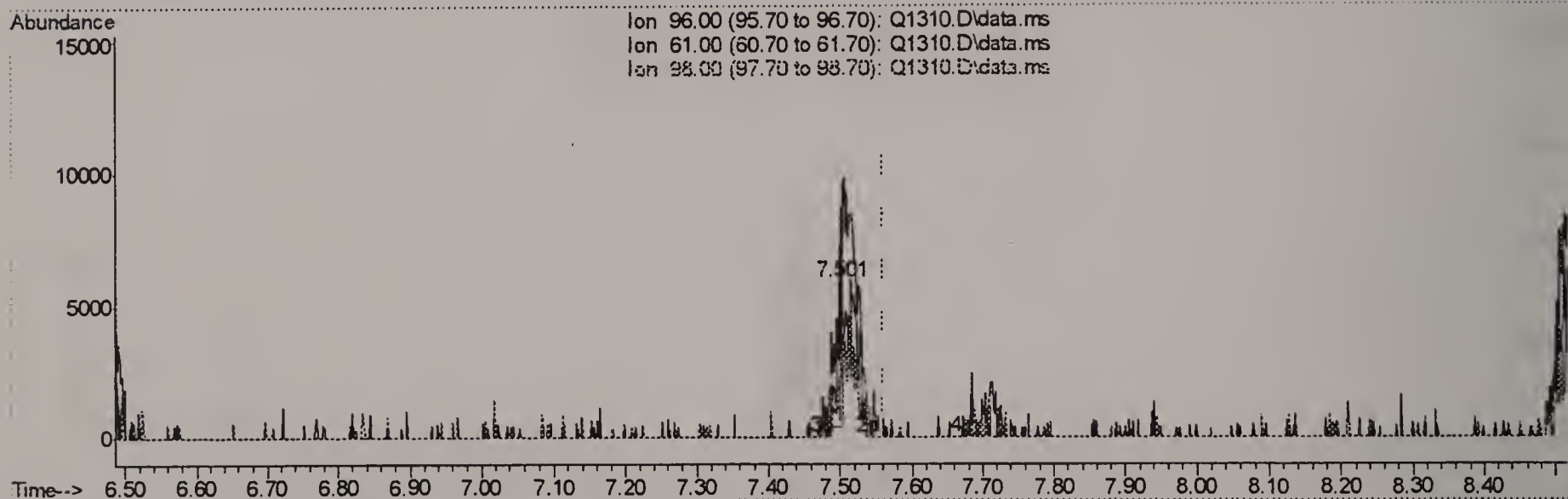
response 10873

Ion	Exp%	Act%
96.00	100	100
61.00	228.90	227.93
63.00	70.60	55.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.501min (-0.060) 0.06PPBV

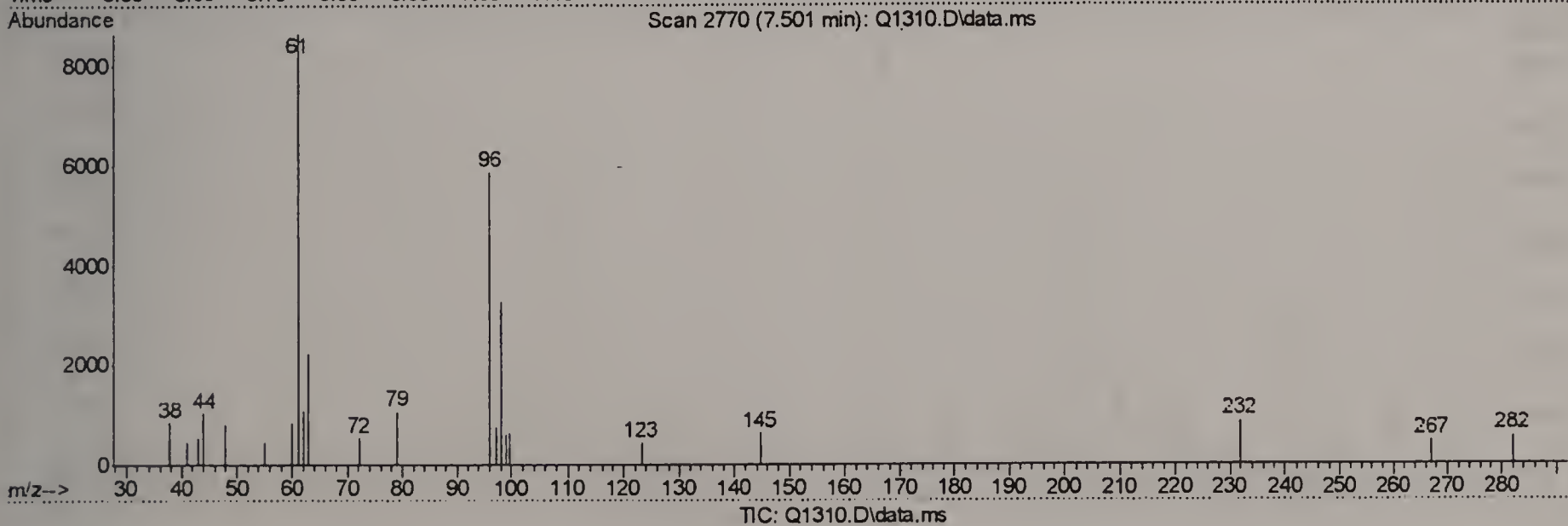
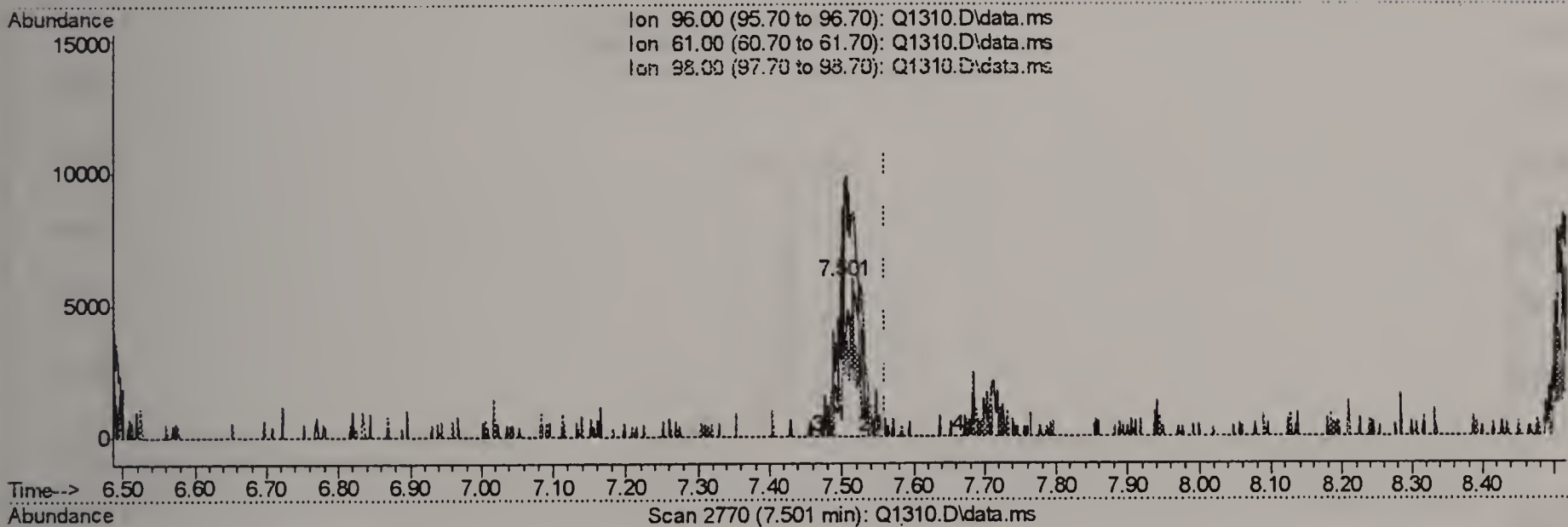
response 2556

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	706.34#
98.00	62.80	228.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.501min (-0.060) 0.23PPBV m

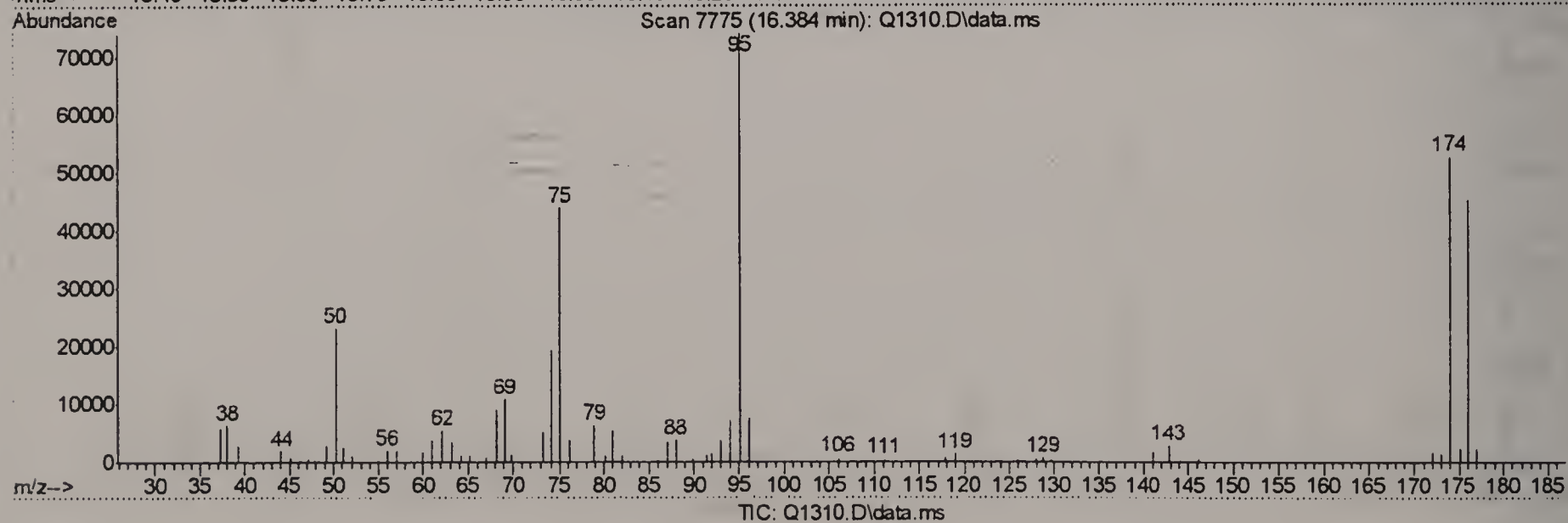
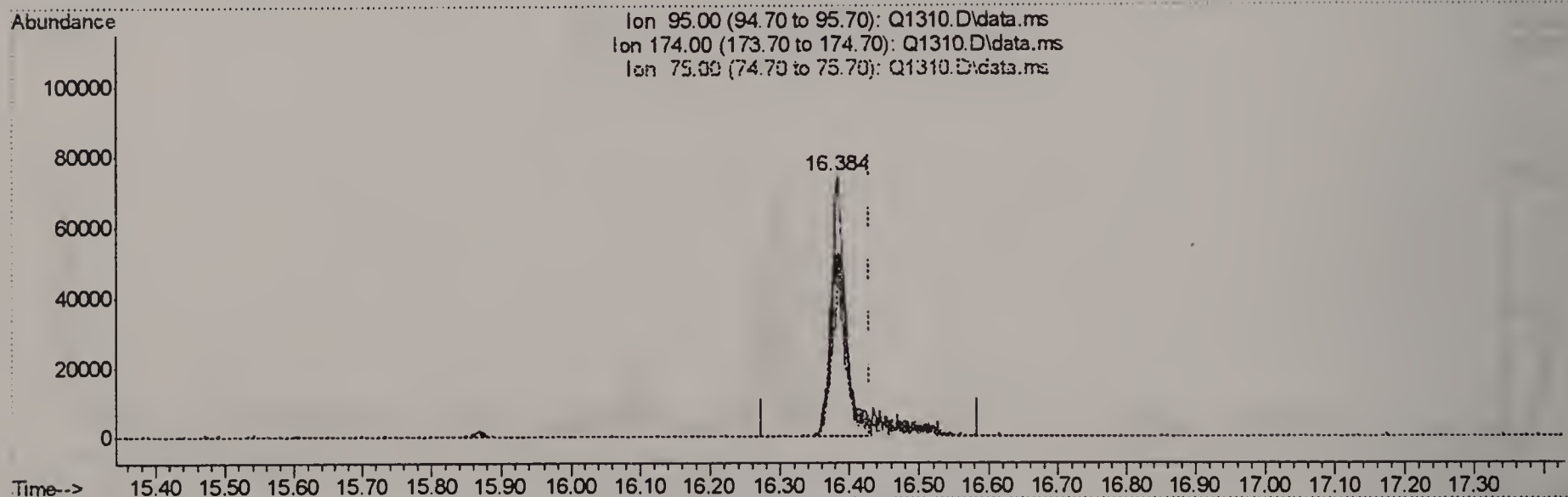
response 10377

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	173.98#
98.00	62.80	56.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 3.38PPBV

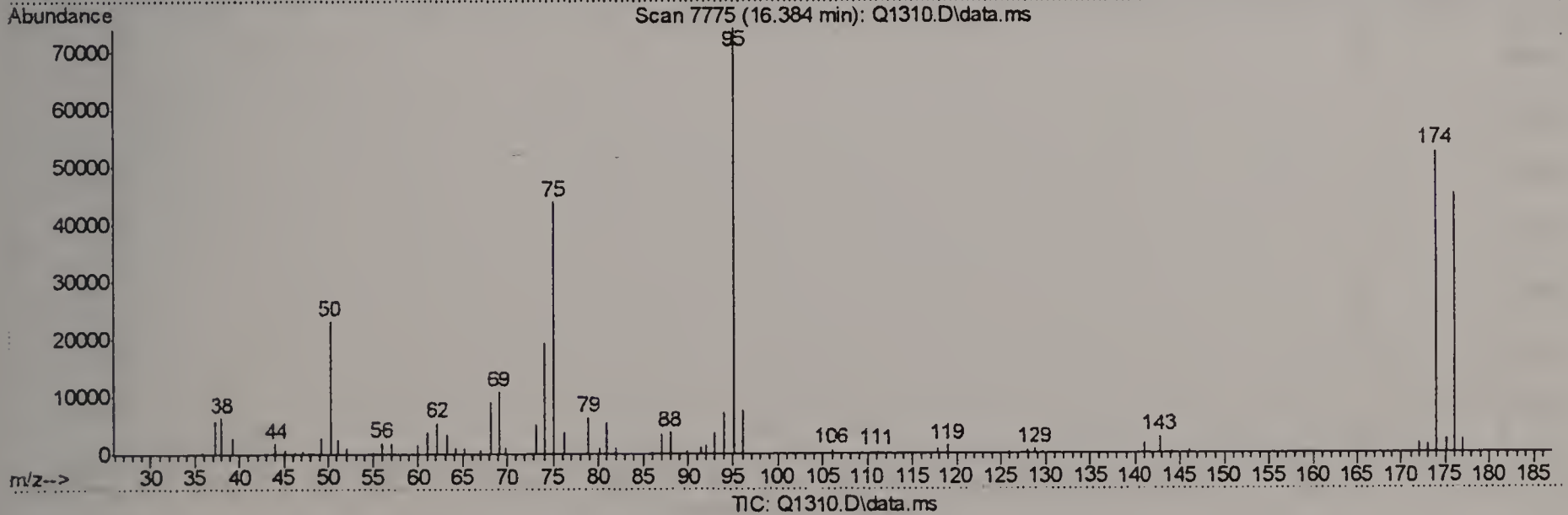
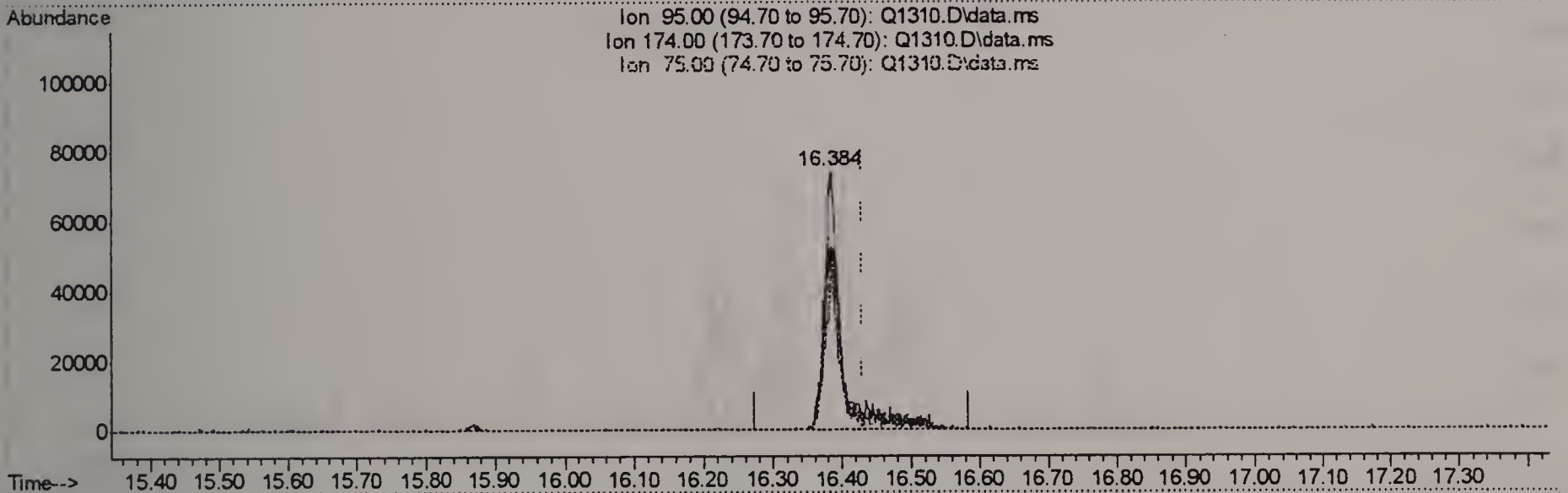
response 109420

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	76.95
75.00	52.30	62.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 4.02PPBV m

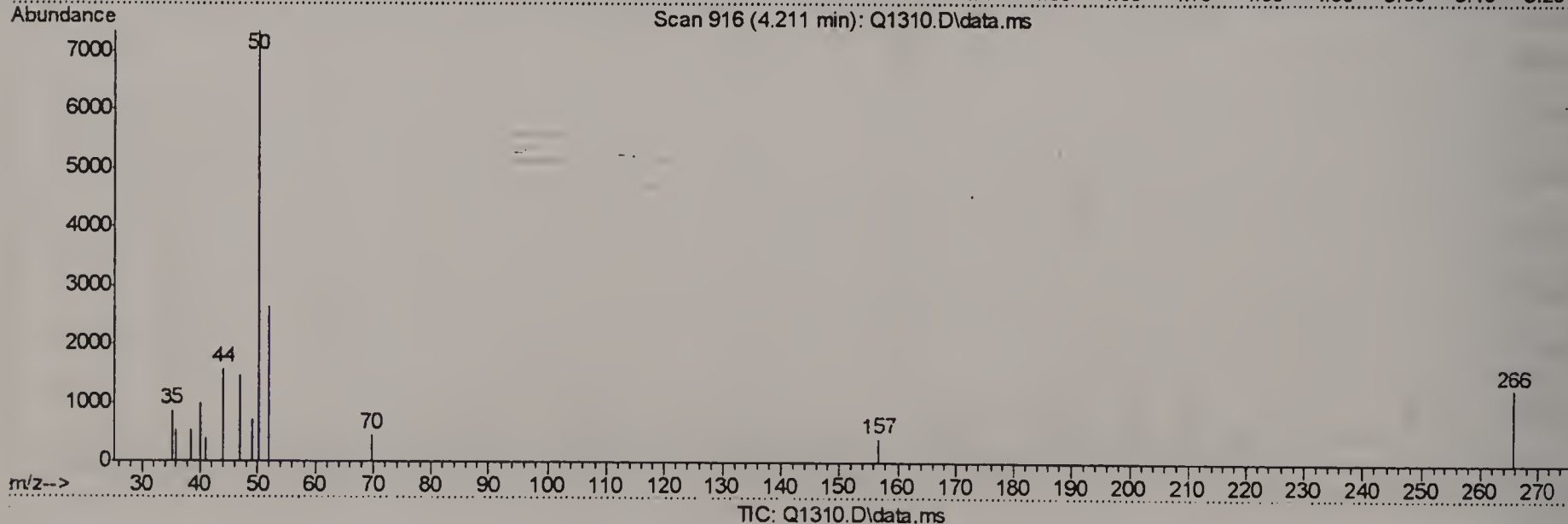
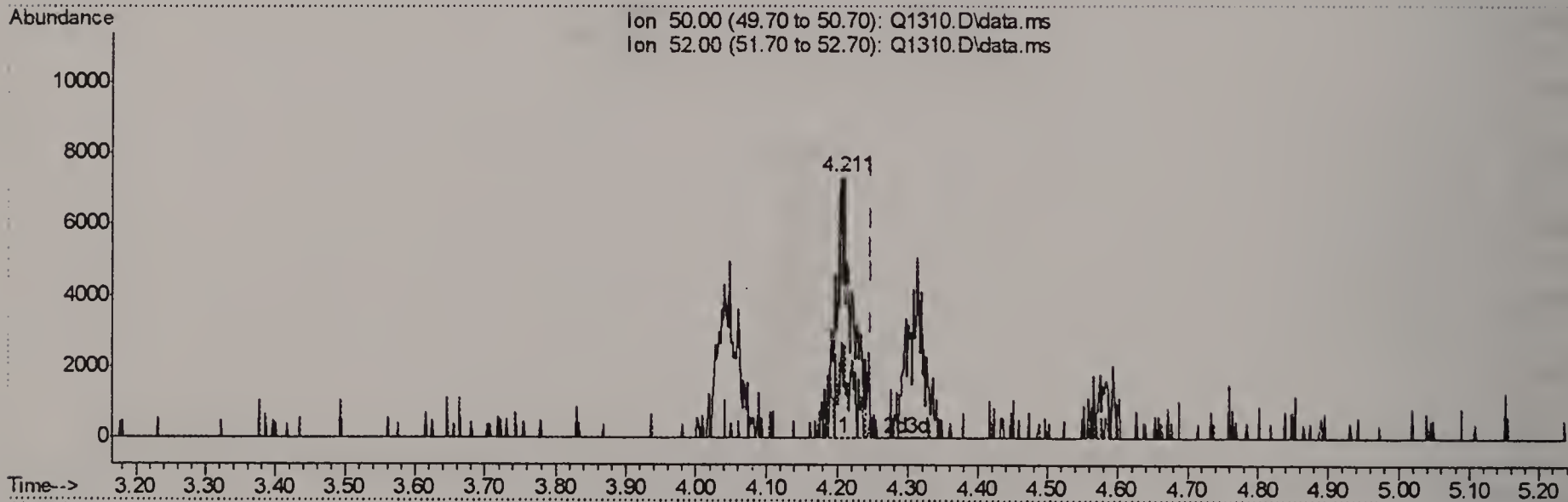
response 130143

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	64.70
75.00	52.30	52.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:52:14 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.30PPBV

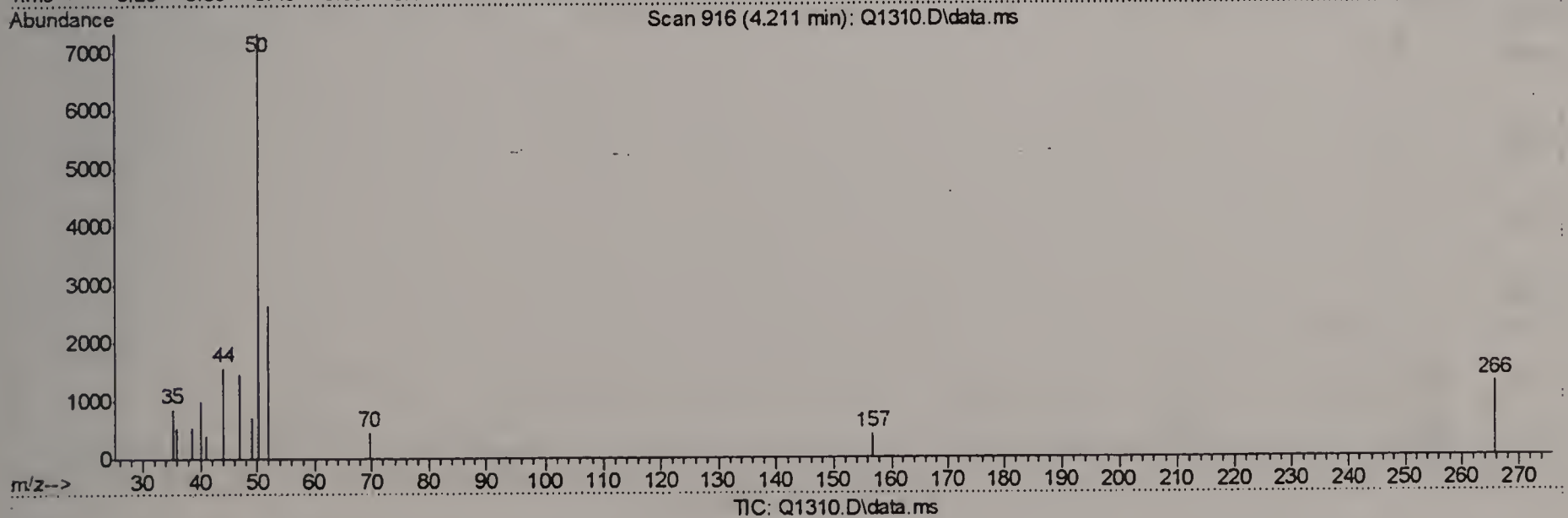
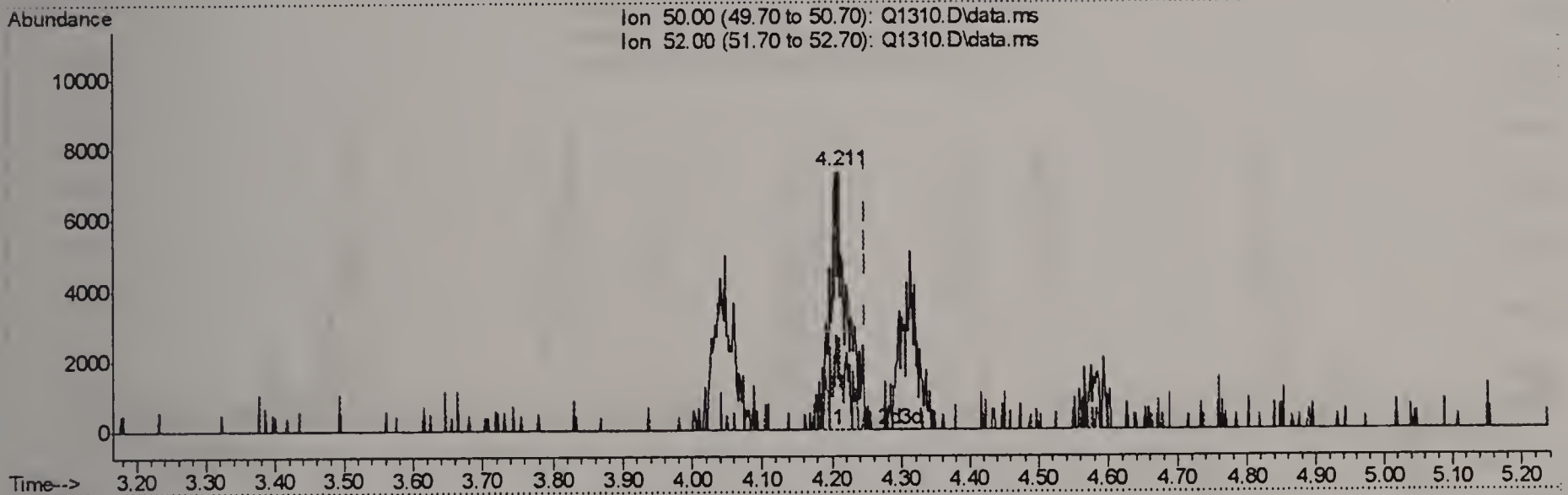
response 12130

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	38.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:52:14 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.30PPBV m

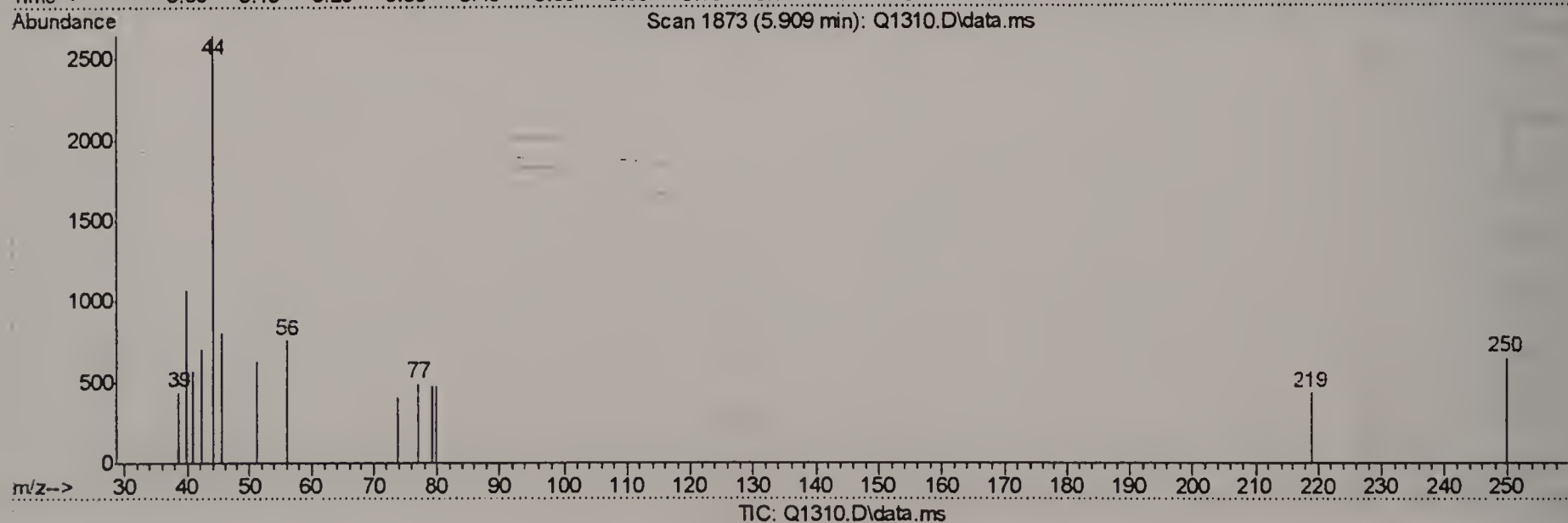
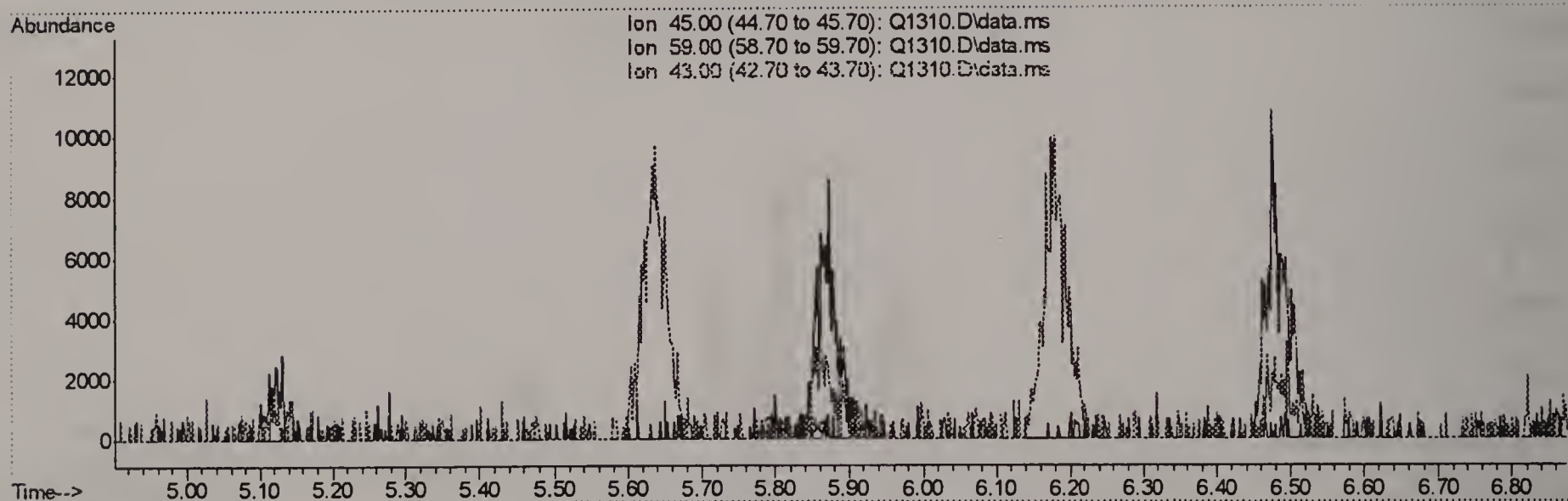
response 12057

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	36.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.910min 0.00PPBV d

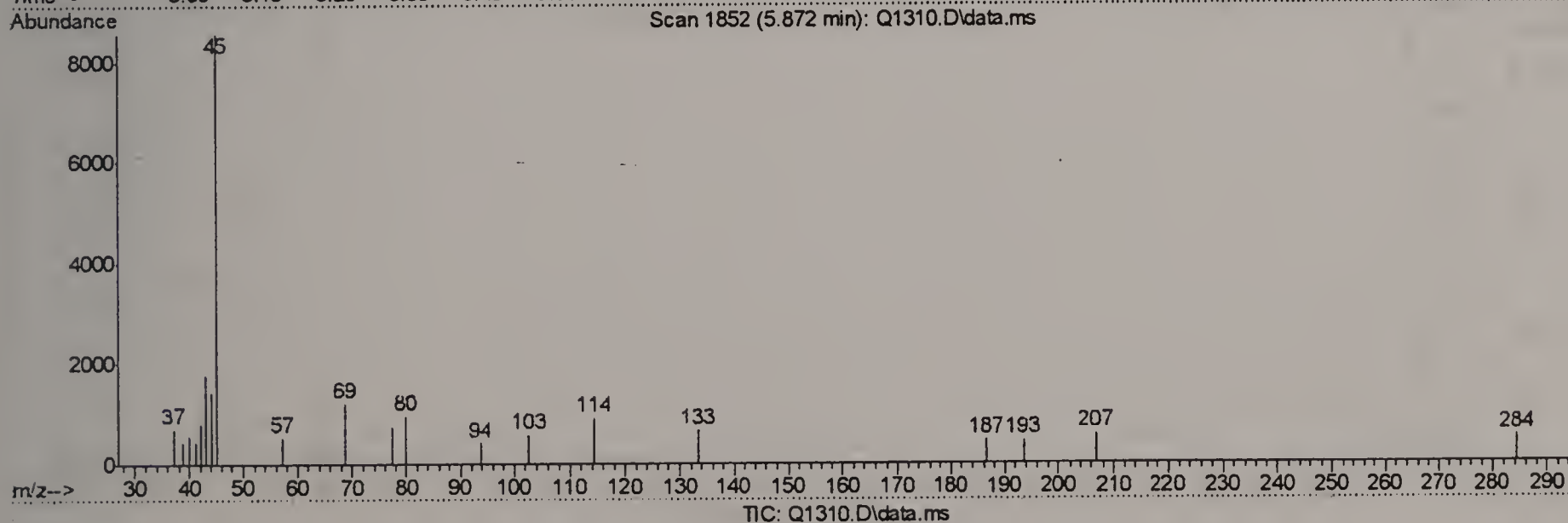
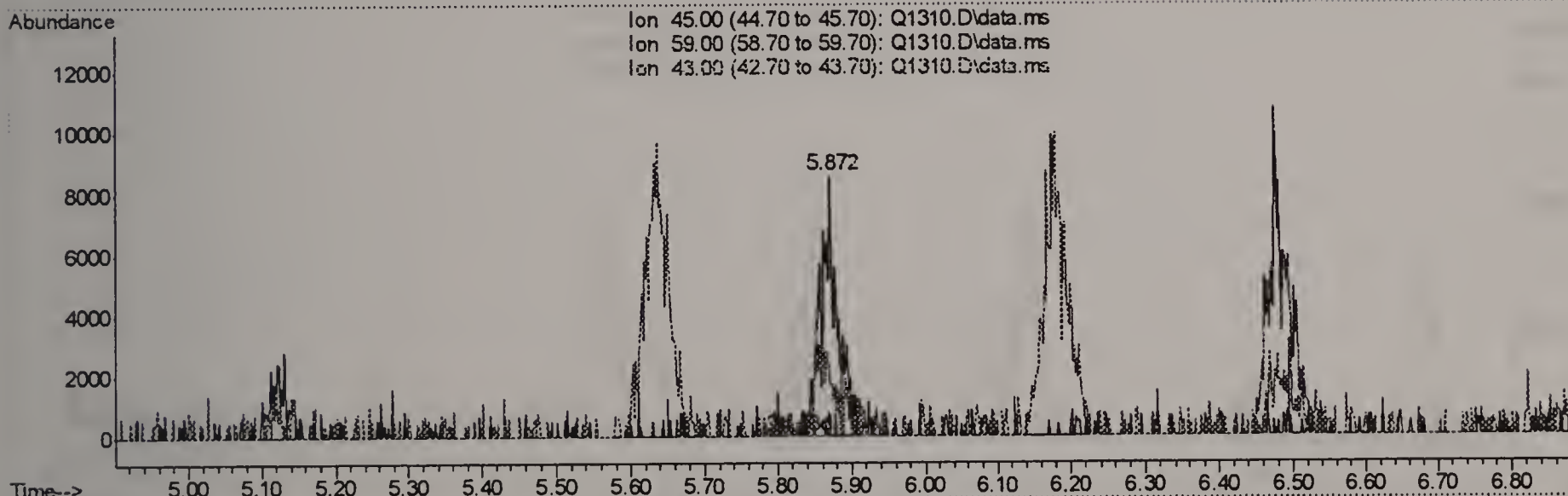
response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	3.50	0.00
43.00	21.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.872min (-0.038) 0.28PPBV m

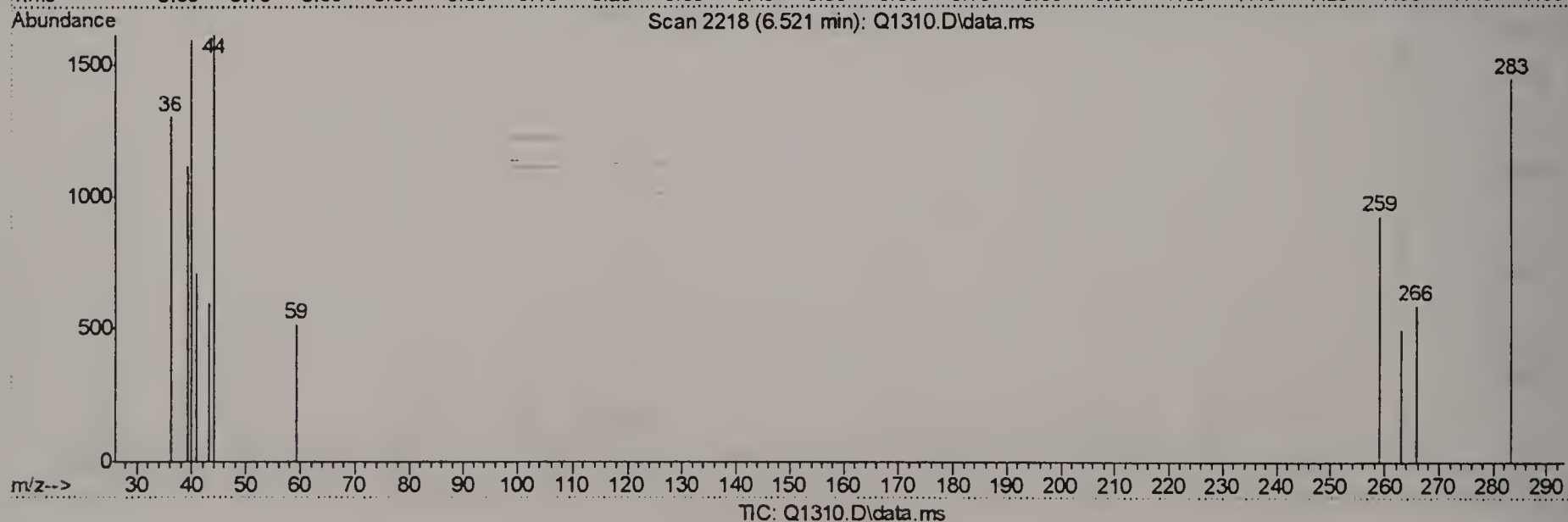
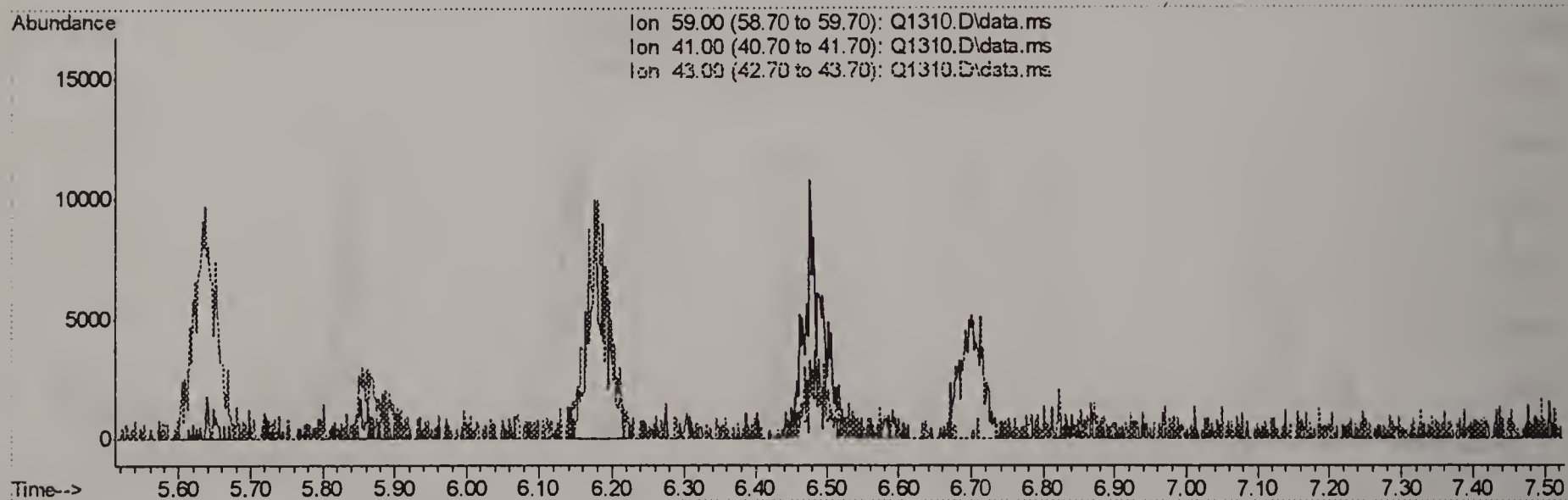
response 12972

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	0.00
43.00	21.60	20.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.521min 0.00PPBV d

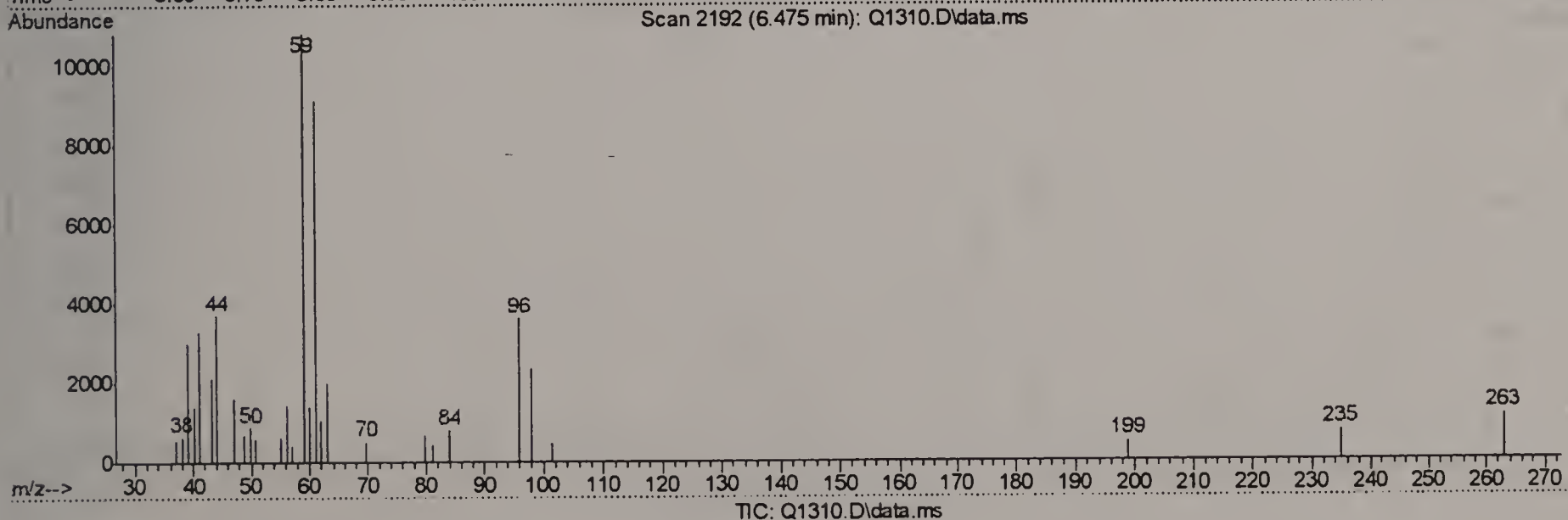
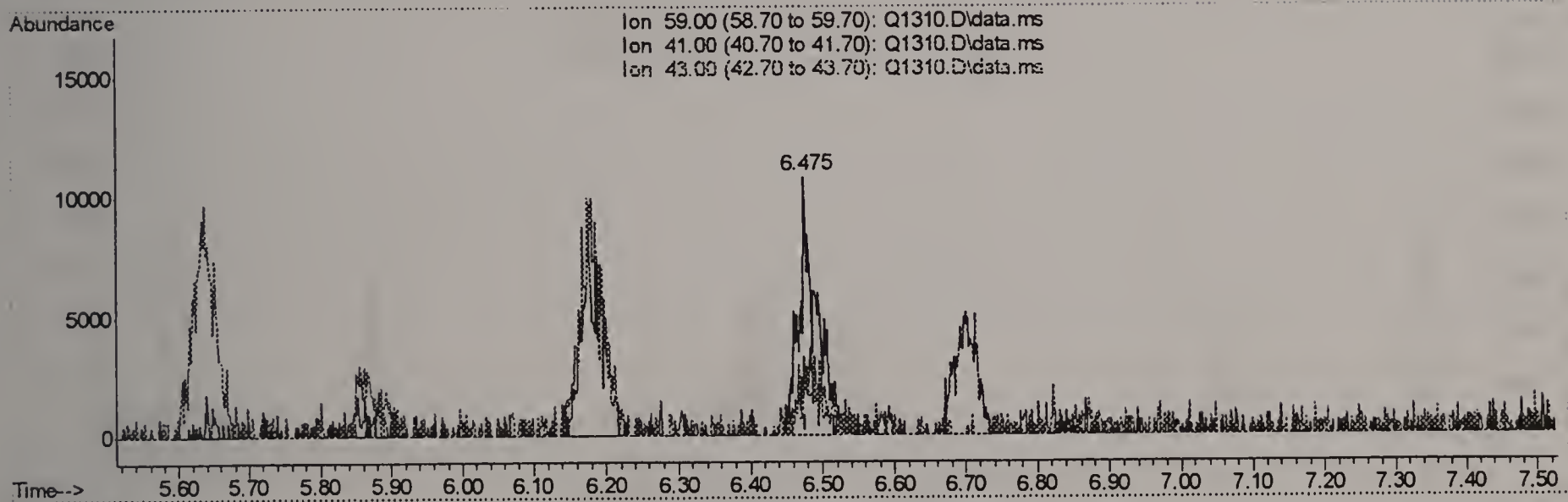
response 0

Ion	Exp%	Act%
59.00	100	0.00
41.00	22.60	0.00
43.00	16.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.475min (-0.046) 0.31PPBV m

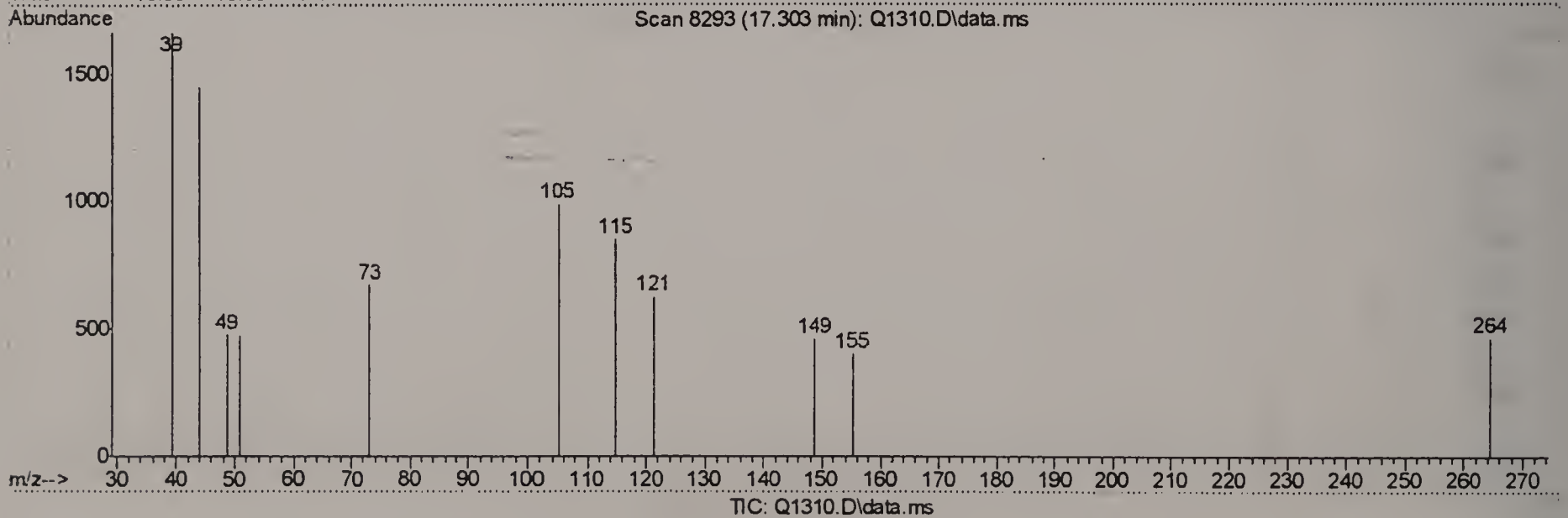
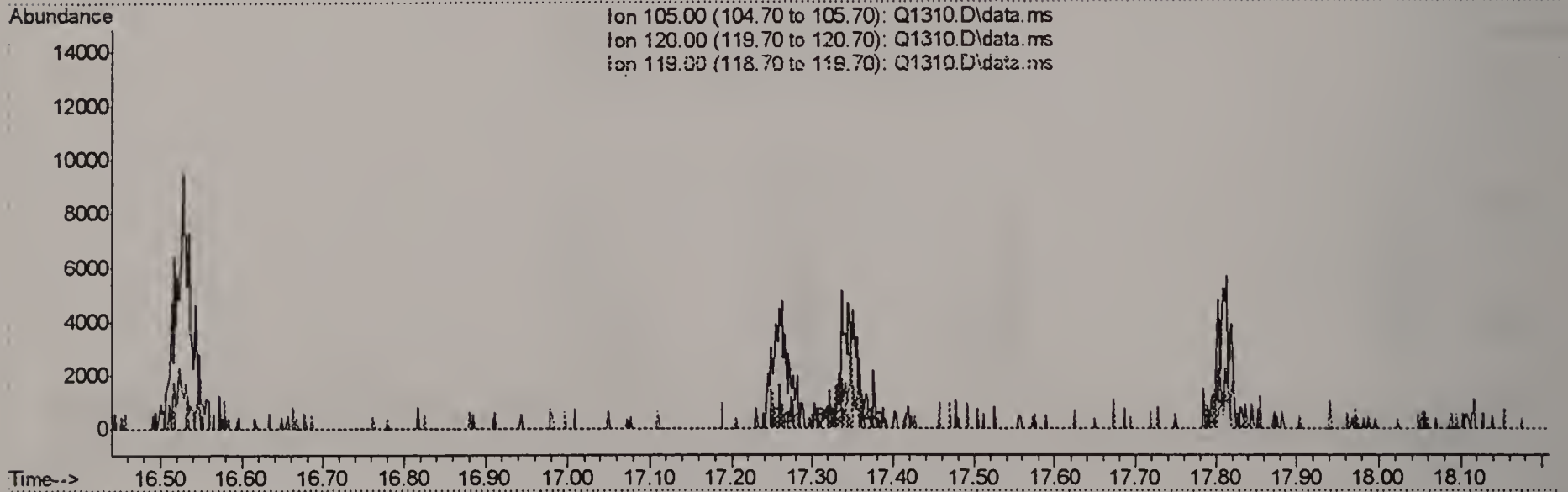
response 17306

Ion	Exp%	Act%
59.00	100	100
41.00	22.60	0.00#
43.00	16.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(65) 4-ETHYLTOLUENE (m)

17.304min 0.00PPBV d

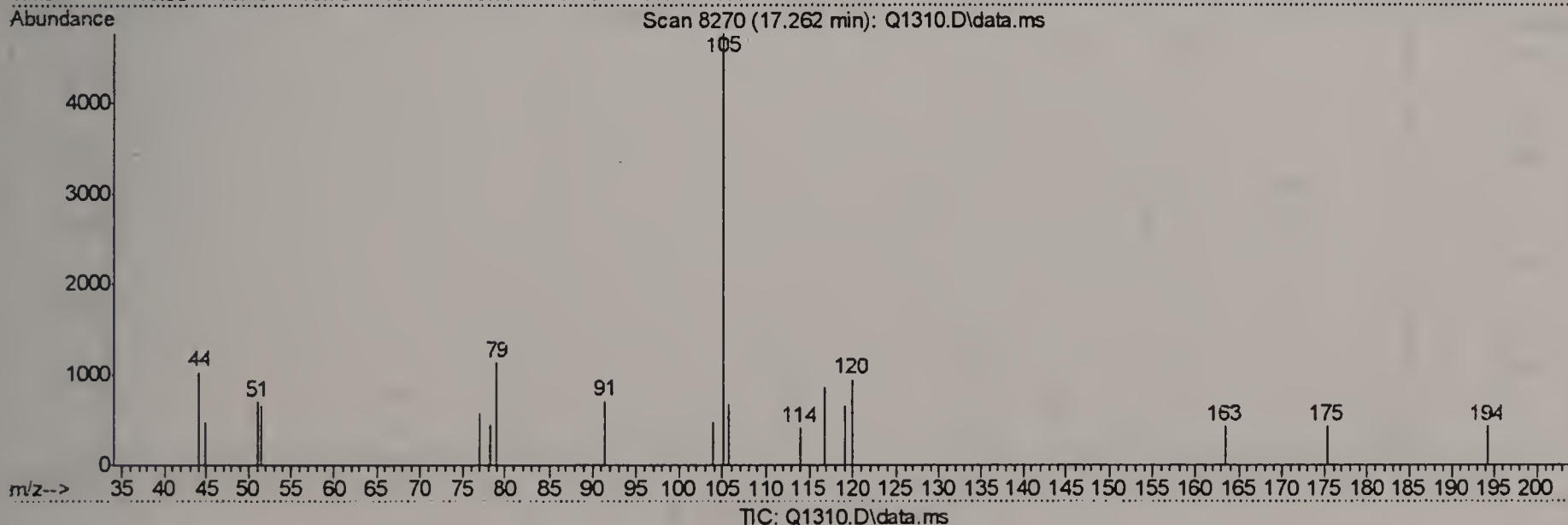
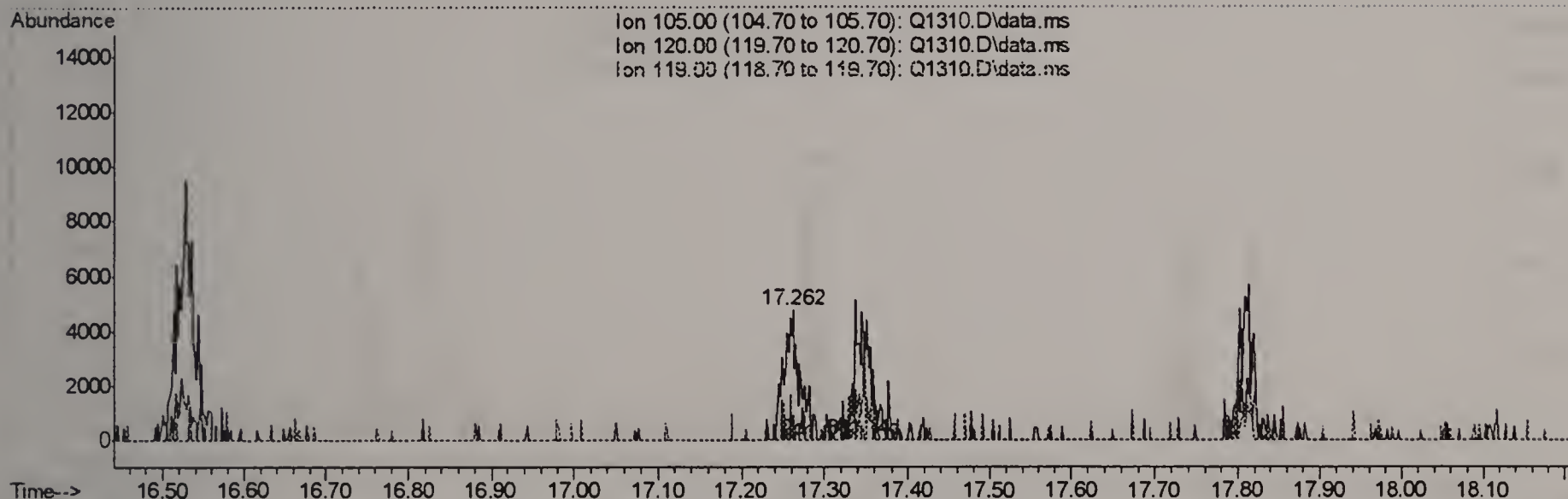
response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	27.80	0.00
119.00	1.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(65) 4-ETHYLTOLUENE (m)

17.262min (-0.042) 0.09PPBV m

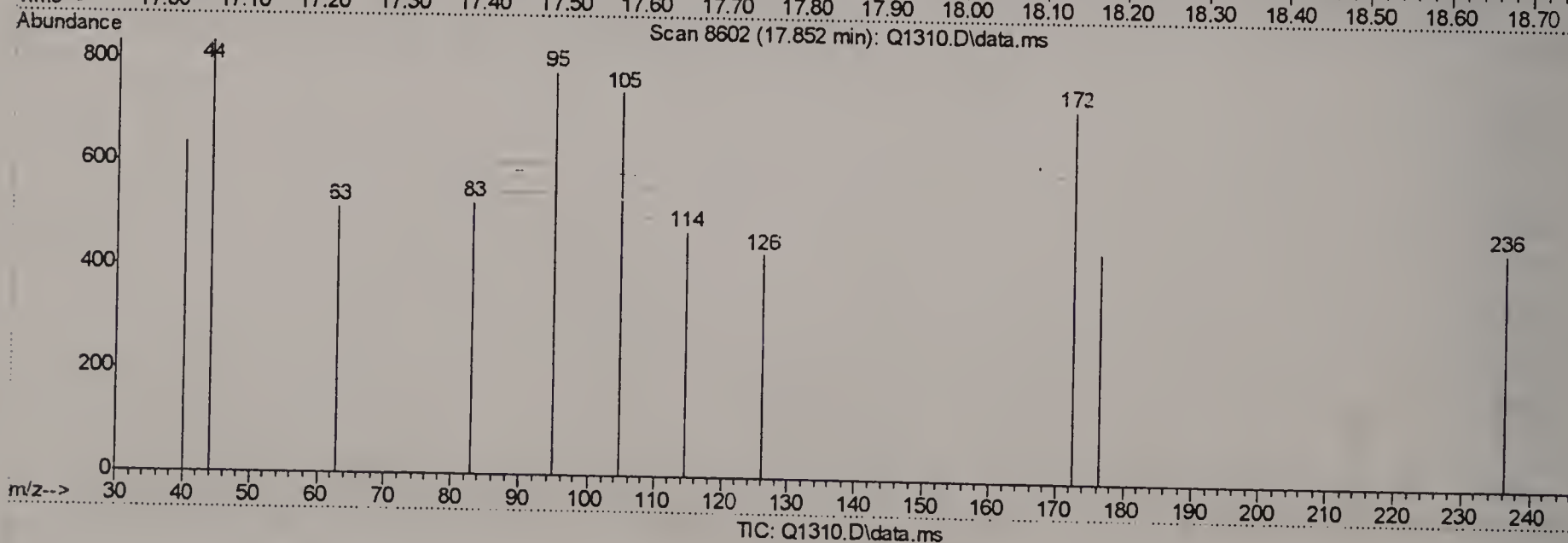
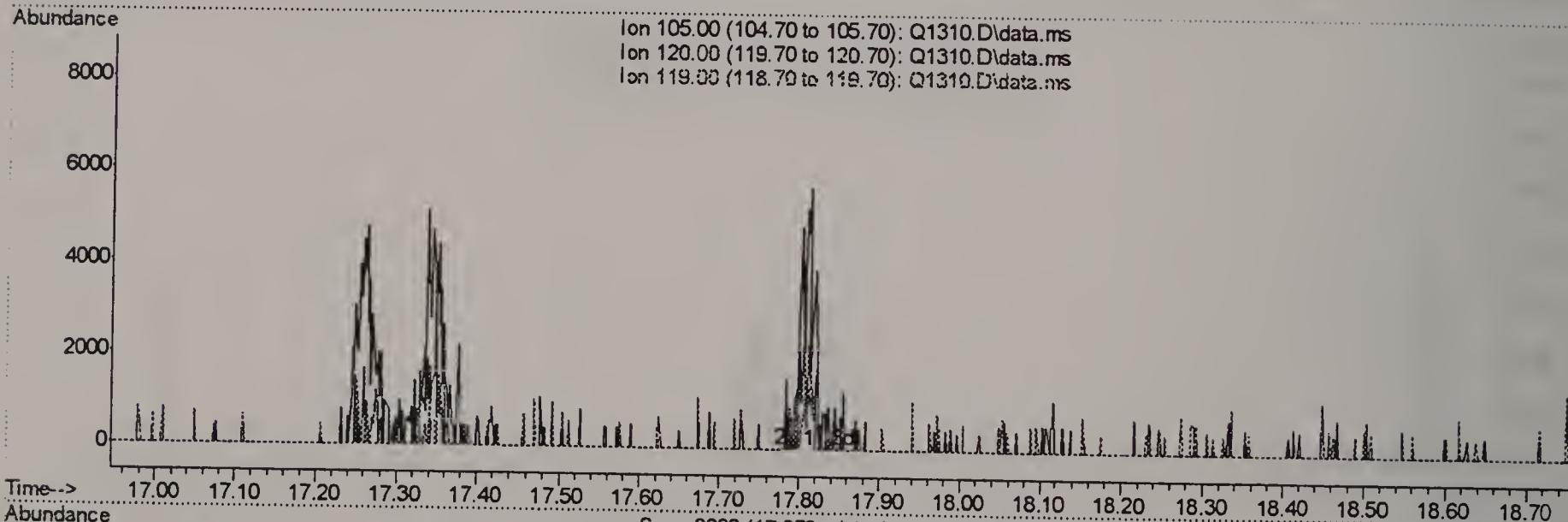
response 6436

Ion	Exp%	Act%
105.00	100	100
120.00	27.80	0.00#
119.00	1.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.851min 0.00PPBV d

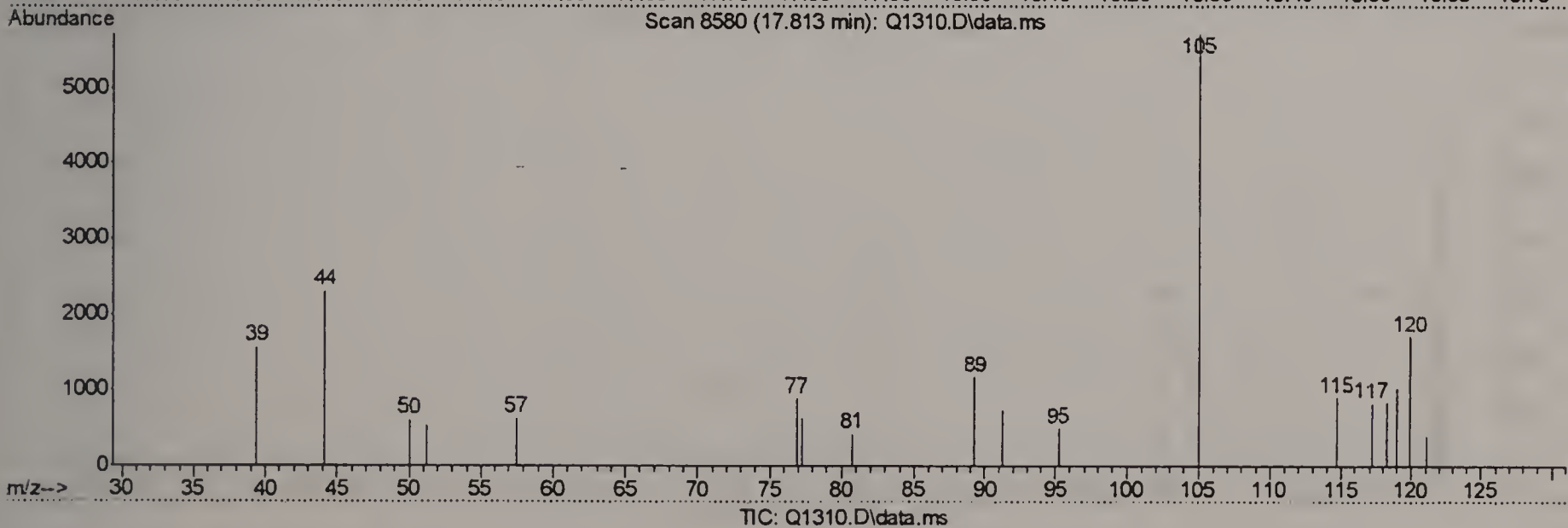
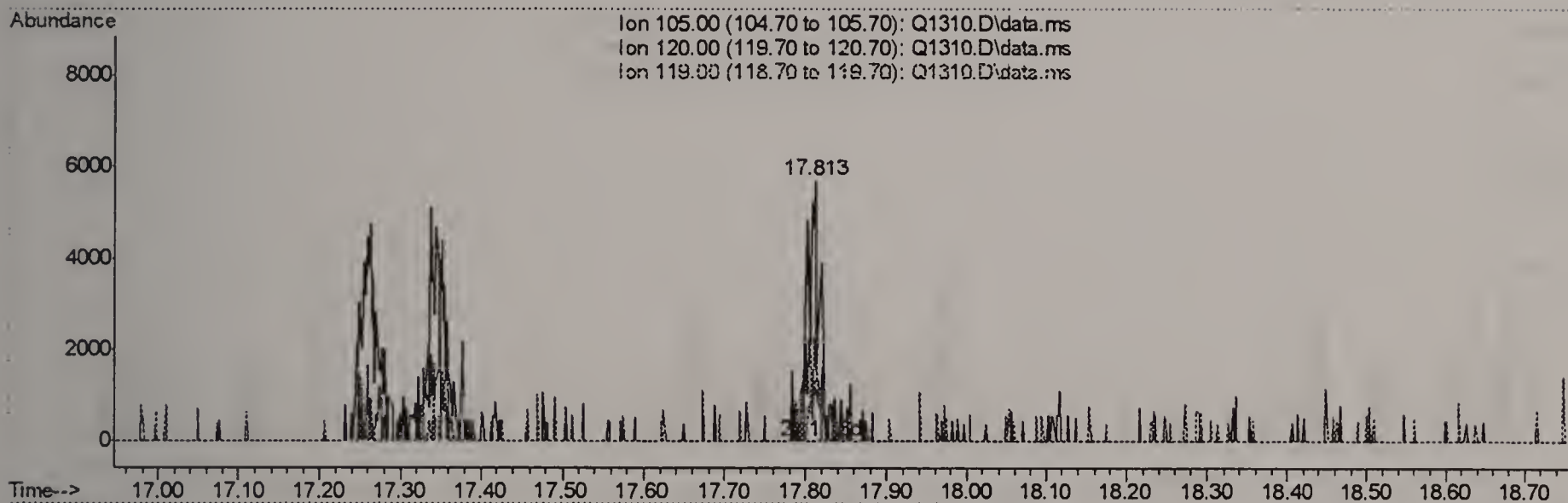
response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	42.70	0.00
119.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method: C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.813min (-0.038) 0.09PPBV m

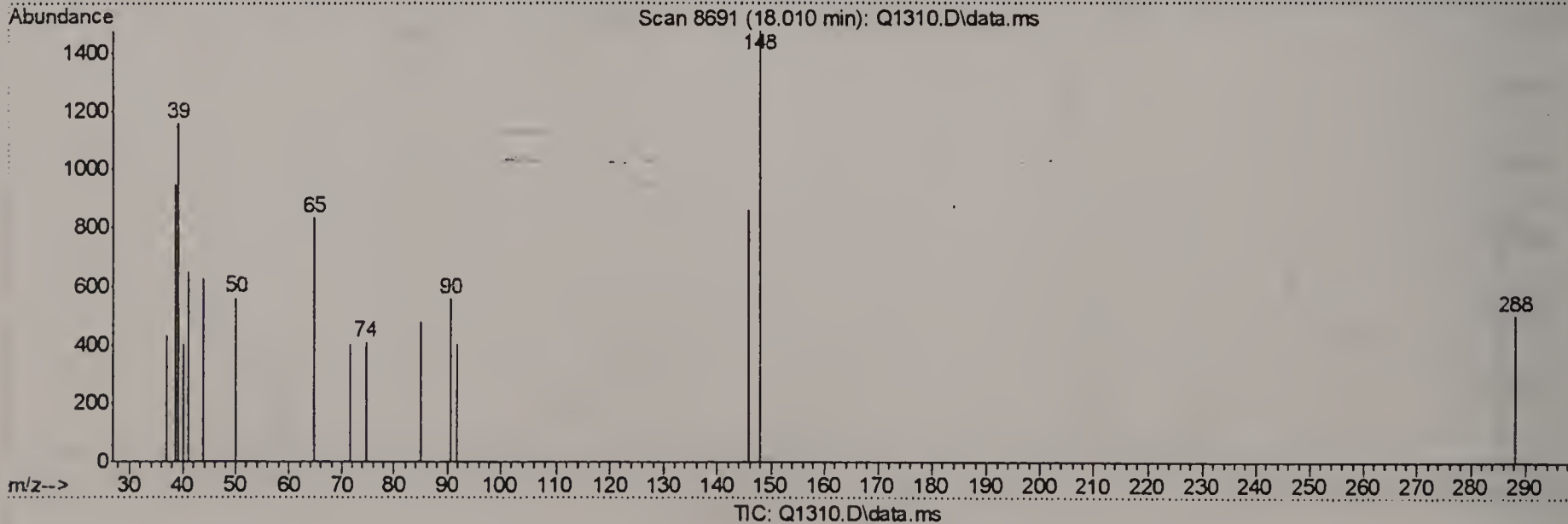
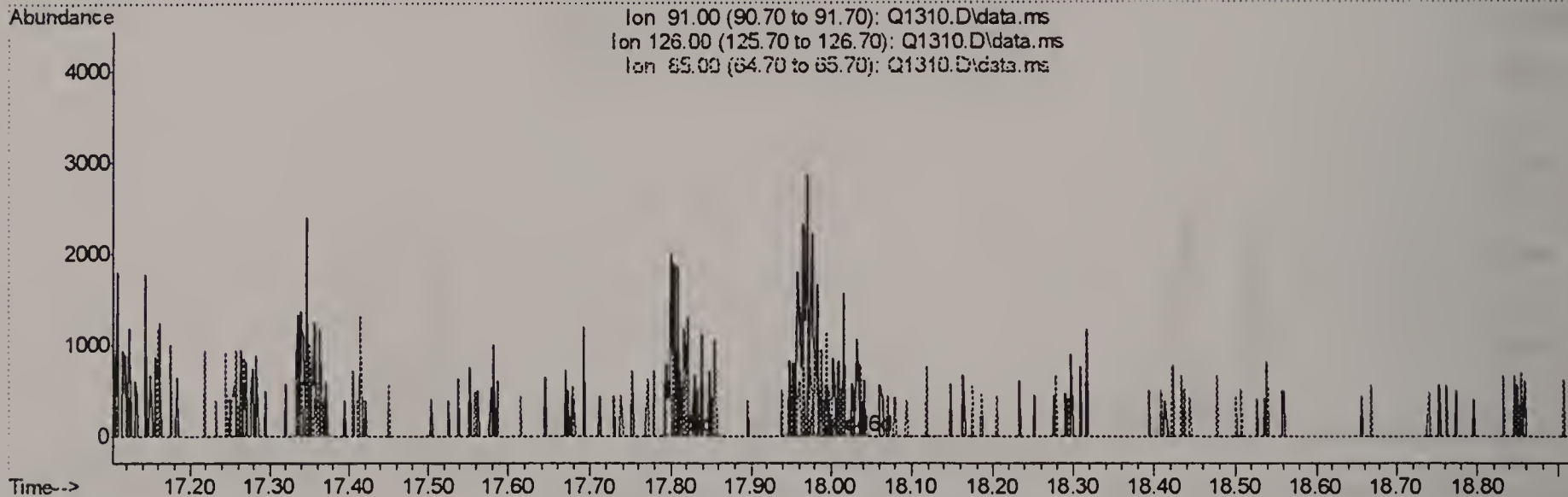
response 6735

Ion	Exp%	Act%
105.00	100	100
120.00	42.70	0.00#
119.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

18.009min 0.00PPBV d

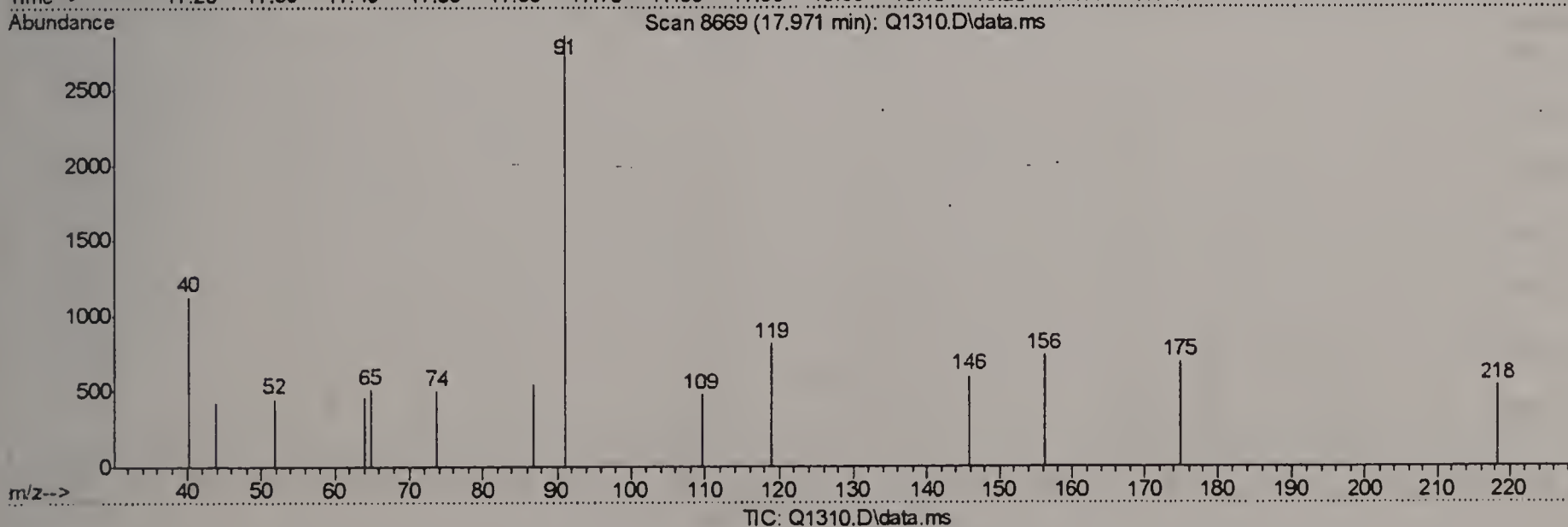
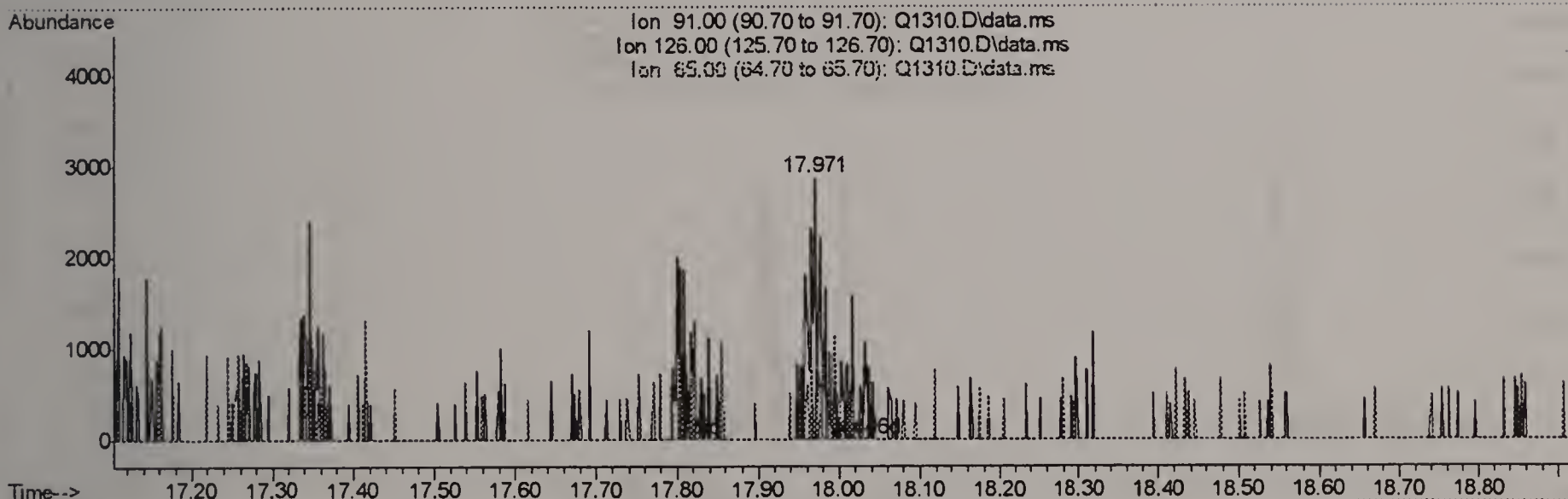
response 0

Ion	Exp%	Act%
91.00	100	0.00
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.971min (-0.038) 0.11PPBV m

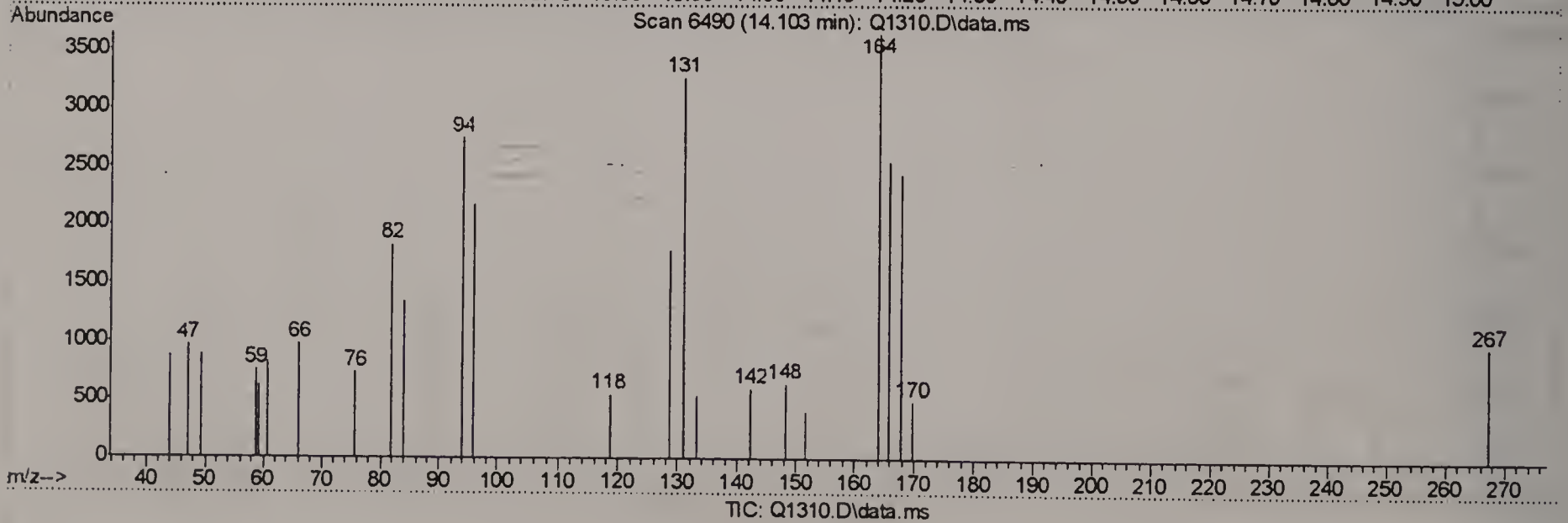
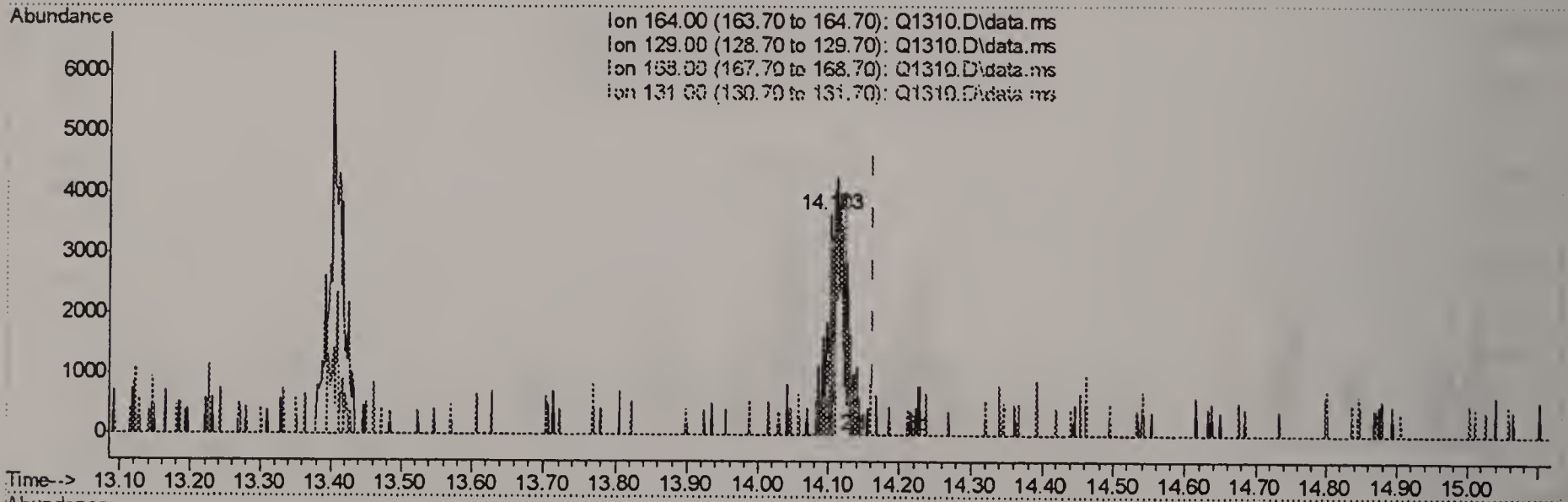
response 3699

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:56:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.103min (-0.060) 0.07PPBV

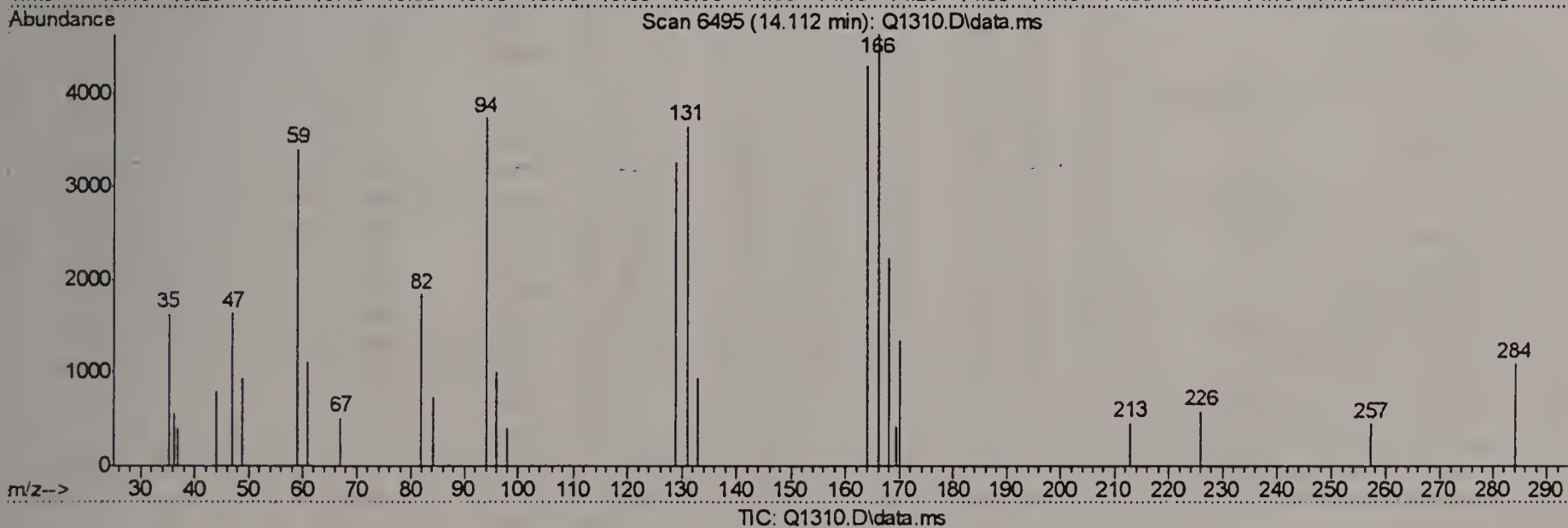
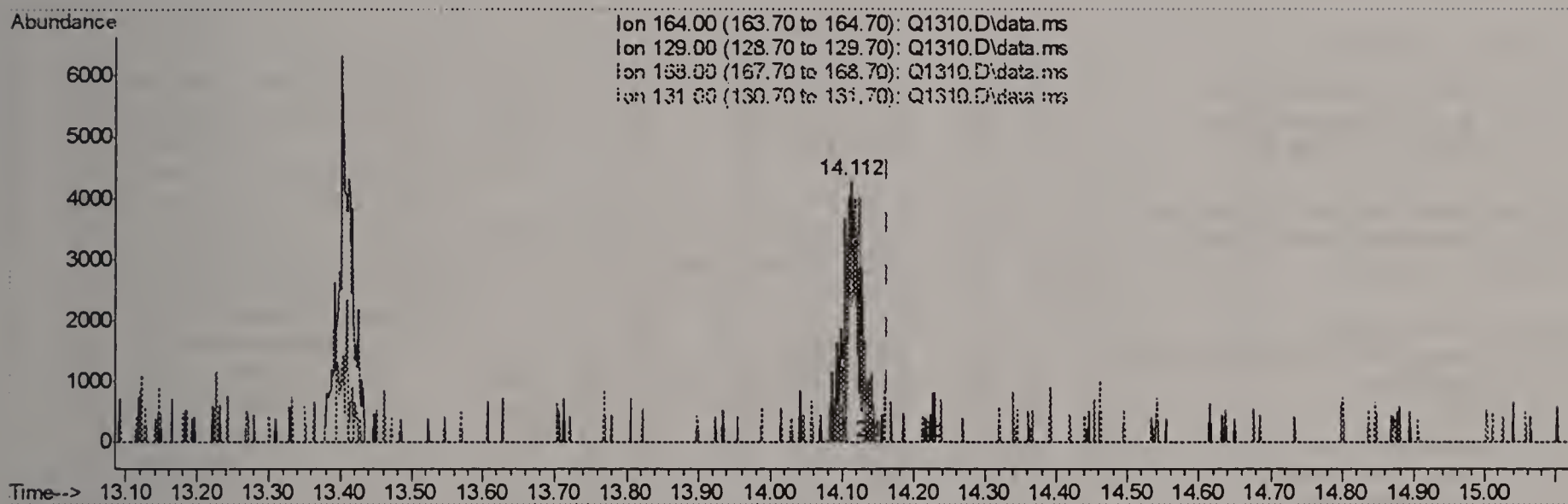
response 2225

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	239.19#
168.00	62.70	178.25#
131.00	95.20	120.09#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:56:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.112min (-0.051) 0.17PPBV m

response 5766

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	92.30
168.00	62.70	68.78
131.00	95.20	46.34#

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1311.D
 Acq On : 7 Aug 2006 6:25 pm
 Operator : PhilipB
 Sample : IC68-20 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:49:27 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.685	128	600142	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.520	114	1469509	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.767	117	1043305	10.00	PPBV	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.384	95	292559	5.72	PPBV	-0.05	
Spiked Amount	5.000	Range	57 - 139	Recovery	=	114.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.049	85	3847649	14.45	PPBV	99
3) PROPYLENE	3.980	41	598154	13.99	PPBV	92
4) FREON 114	4.314	85	4015052	16.18	PPBV	97
5) CHLOROMETHANE	4.214	50	775768	12.08	PPBV	100
6) VINYL CHLORIDE	4.436	62	979666	13.69	PPBV	98
7) 1,3-BUTADIENE	4.578	39	961208	15.56	PPBV #	80
8) BROMOMETHANE	4.860	94	1034228	14.63	PPBV	97
9) CHLOROETHANE	5.036	64	468012	14.51	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.826	101	5133961	16.54	PPBV	98
11) ISOPROPYL ALCOHOL	5.875	45	356635	4.46	PPBV	80
12) ACETONE	5.623	43	1843203	17.50	PPBV	88
13) PENTANE	6.188	42	1053221	15.55	PPBV #	81
14) 1,1-DICHLOROETHYLENE	6.470	96	986817	15.13	PPBV	90
15) CARBON DISULFIDE	6.903	76	3032052	16.65	PPBV	89
16) ETHANOL	5.126	45	346650	14.99	PPBV	72
17) BROMOETHENE	5.398	106	925791	16.44	PPBV #	90
18) METHYLENE CHLORIDE	6.582	84	927899	12.11	PPBV	86
19) 3-CHLOROPROPENE	6.702	39	1625270	18.16	PPBV #	69
20) FREON 113	6.843	151	3042940	19.66	PPBV #	79
21) TRANS-1,2-DICHLOROETHY...	7.515	96	1117182	16.56	PPBV	95
22) TERTIARY BUTYL ALCOHOL	6.481	59	279373	2.82	PPBV	90
23) METHYL TERTIARY BUTYL ...	7.755	73	3430289	21.27	PPBV	92
24) TETRAHYDROFURAN	9.192	42	816378	22.23	PPBV	80
25) HEXANE	8.719	57	1960360	18.46	PPBV	89
26) VINYL ACETATE	7.837	43	3461462	21.79	PPBV	98
27) 1,1-DICHLOROETHANE	7.711	63	2571988	17.46	PPBV	95
28) METHYL ETHYL KETONE	8.081	43	2551734	19.46	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.522	96	1376346	18.34	PPBV	89
30) ETHYL ACETATE	8.717	43	4520142	19.90	PPBV	99
31) CHLOROFORM	8.806	83	3667847	19.40	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.764	97	2543929	20.51	PPBV	97
33) CARBON TETRACHLORIDE	10.346	117	3029340	21.30	PPBV	98
34) 1,2-DICHLOROETHANE	9.521	62	1462088	20.14	PPBV	97
36) BENZENE	10.206	78	2587156	20.75	PPBV	93
37) CYCLOHEXANE	10.472	84	1026255	17.27	PPBV #	70
38) TRICHLOROETHYLENE	11.207	95	1382065	22.59	PPBV	93
39) 1,2-DICHLOROPROPANE	10.983	63	910460	20.53	PPBV	89
40) BROMODICHLOROMETHANE	11.166	83	2029663	21.59	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.228	57	4649298	20.23	PPBV	99
42) 1,4-DIOXANE	11.189	88	424714	22.98	PPBV #	83
43) HEPTANE	11.464	43	1653577	22.09	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1311.D
Acq On : 7 Aug 2006 6:25 pm
Operator : PhilipB
Sample : IC68-20 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:49:27 2006
Response via : Initial Calibration

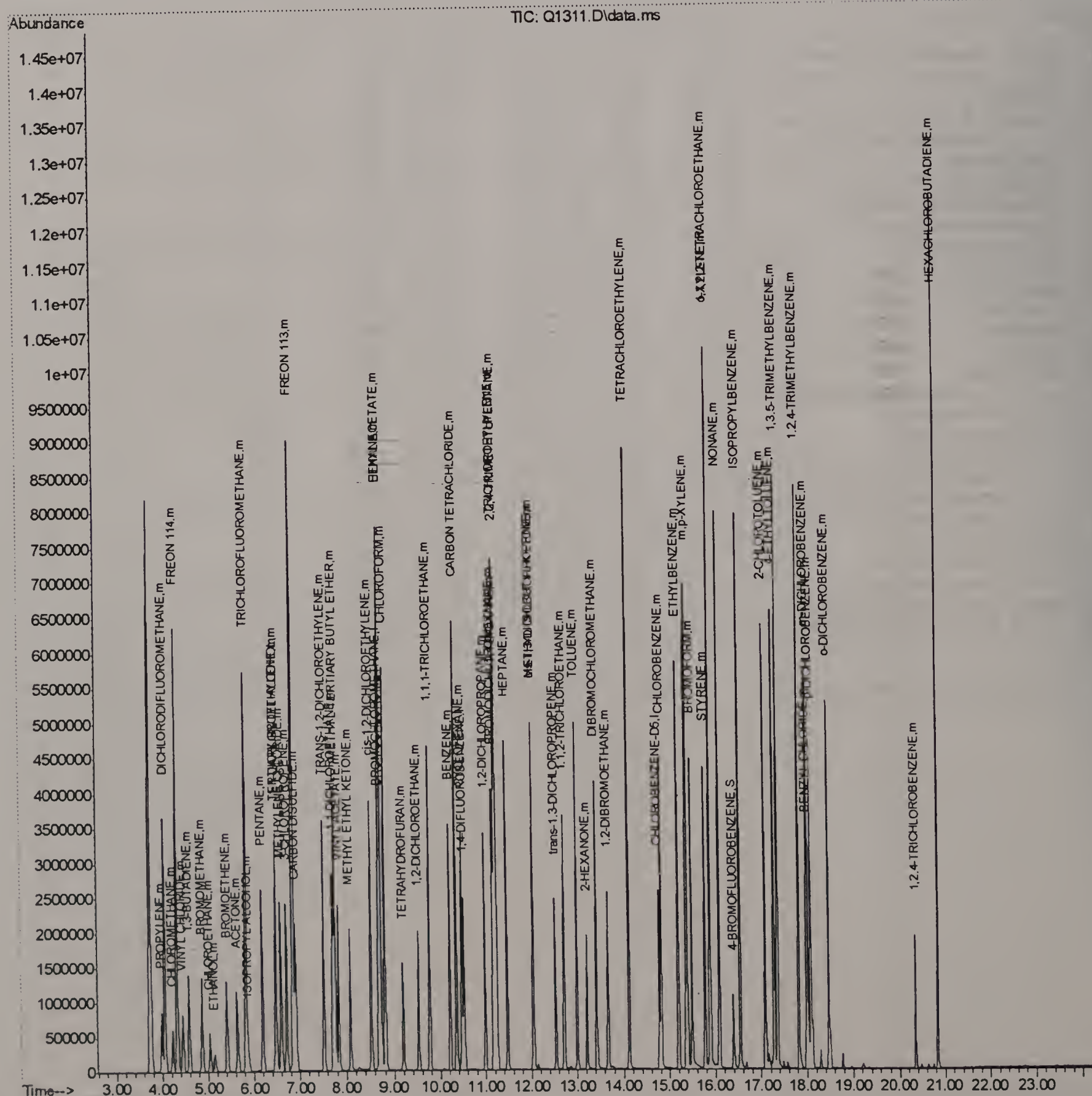
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.037	43	1941742	22.48	PPBV	96
45) cis-1,3-DICHLOROPROPENE	12.021	75	1402670	25.25	PPBV	94
46) TOLUENE	12.985	92	1720048	26.07	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.522	75	1008419	27.55	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.707	83	804840	21.96	PPBV	96
50) 2-HEXANONE	13.203	43	1231268	18.14	PPBV	95
51) TETRACHLOROETHYLENE	14.117	164	1474084	28.92	PPBV #	83
52) DIBROMOCHLOROMETHANE	13.413	129	1545709	23.34	PPBV	99
53) 1,2-DIBROMOETHANE	13.661	107	1271621	23.23	PPBV	98
54) CHLOROBENZENE	14.811	112	1725459	21.01	PPBV	94
55) ETHYLBENZENE	15.189	91	3536516	26.27	PPBV	98
56) m,p-XYLENE	15.386	106	2538312	49.88	PPBV #	89
57) o-XYLENE	15.885	106	1308033	25.85	PPBV	89
58) STYRENE	15.764	104	1680575	30.20	PPBV	95
59) NONANE	16.084	43	2741030	24.17	PPBV	92
60) BROMOFORM	15.488	173	1730542	31.96	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	2114988	23.70	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	4205316	26.72	PPBV	95
64) 2-CHLOROTOLUENE	17.076	91	3000973	27.51	PPBV	97
65) 4-ETHYLTOLUENE	17.264	105	3296440	31.94	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	3725436	30.82	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	3471298	33.90	PPBV	95
68) m-DICHLOROBENZENE	17.995	146	1757623	32.23	PPBV	95
69) BENZYL CHLORIDE	17.972	91	1633333	36.00	PPBV	99
70) p-DICHLOROBENZENE	18.070	146	1664938	29.16	PPBV	97
71) o-DICHLOROBENZENE	18.453	146	1683509	29.70	PPBV	96
72) HEXACHLOROBUTADIENE	20.844	225	1472489	27.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.354	180	391247	28.24	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1311.D
Acq On : 7 Aug 2006 6:25 pm
Operator : PhilipB
Sample : IC68-20 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID, 1.0 um
QLast Update : Mon Aug 07 18:49:27 2006
Response via : Initial Calibration



Initial Calibration Verification

Page 1 of 2

Sample: MSQ69-ICV
Lab FileID: Q1323.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q1323.D
Acq On : 8 Aug 2006 9:03 am
Sample : ICV (D011)
Misc : MS11934,MSQ69,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Aug 08 09:26:45 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	-0.05	8.48- 8.89
2 m	DICHLORODIFLUOROMETHAN	4.192	4.006	4.4	111	-0.04	3.84- 4.25
3 m	PROPYLENE	0.669	0.721	-7.8	120	-0.03	3.77- 4.18
4 m	FREON 114	3.977	3.887	2.3	109	-0.04	4.10- 4.52
5 m	CHLOROMETHANE	1.058	0.838	20.8	107	-0.04	4.00- 4.41
6 m	VINYL CHLORIDE	1.130	1.016	10.1	107	-0.04	4.23- 4.64
7 m	1,3-BUTADIENE	0.984	0.980	0.4	108	-0.04	4.37- 4.78
8 m	BROMOMETHANE	1.115	1.046	6.2	104	-0.04	4.65- 5.06
9 m	CHLOROETHANE	0.506	0.470	7.1	105	-0.04	4.83- 5.24
10 m	TRICHLOROFLUOROMETHANE	4.994	4.785	4.2	104	-0.05	5.62- 6.03
----- True Calc. % Drift -----							
11 m	ISOPROPYL ALCOHOL	10.000	10.420	-4.2	100	-0.05	5.62- 6.09
----- AvgRF CCRF % Dev -----							
12 m	ACETONE	1.711	1.804	-5.4	111	-0.04	5.42- 5.83
13 m	PENTANE	1.078	0.992	8.0	100	-0.05	6.02- 6.33
14 m	1,1-DICHLOROETHYLENE	1.043	0.947	9.2	104	-0.05	6.26- 6.67
15 m	CARBON DISULFIDE	2.933	2.745	6.4	101	-0.05	6.69- 7.10
16 m	ETHANOL	0.366	0.355	3.0	106	-0.05	4.89- 5.35
17 m	BROMOETHENE	0.905	0.904	0.1	107	-0.05	5.19- 5.60
18 m	METHYLENE CHLORIDE	1.195	0.854	28.5	100	-0.05	6.43- 6.73
19 m	3-CHLOROPROPENE	1.464	1.450	1.0	103	-0.05	6.49- 6.90
20 m	FREON 113	2.571	2.627	-2.2	106	-0.05	6.63- 7.05
21 m	TRANS-1,2-DICHLOROETHY	1.090	0.989	9.3	101	-0.05	7.31- 7.72
22 m	TERTIARY BUTYL ALCOHOL	1.746	0.816	53.3#	81	-0.05	6.21- 6.73
23 m	METHYL TERTIARY BUTYL	2.721	3.129	-15.0	111	-0.04	7.55- 7.96
24 m	TETRAHYDROFURAN	0.626	0.769	-22.8	113	-0.04	9.05- 9.33
25 m	HEXANE	1.743	1.638	6.0	98	-0.05	8.51- 8.92
26 m	VINYL ACETATE	2.694	2.922	-8.5	102	-0.05	7.66- 8.01
27 m	1,1-DICHLOROETHANE	2.401	2.245	6.5	100	-0.05	7.50- 7.91
28 m	METHYL ETHYL KETONE	2.173	2.081	4.2	98	-0.04	7.83- 8.32
29 m	cis-1,2-DICHLOROETHYLE	1.230	1.185	3.7	102	-0.05	8.31- 8.72
30 m	ETHYL ACETATE	3.781	3.681	2.6	99	-0.05	8.50- 8.92
31 m	CHLOROFORM	3.134	3.276	-4.5	103	-0.05	8.60- 9.01
32 m	1,1,1-TRICHLOROETHANE	2.075	2.225	-7.2	107	-0.05	9.55- 9.97
33 m	CARBON TETRACHLORIDE	2.395	2.513	-4.9	105	-0.05	10.14-10.55
34 m	1,2-DICHLOROETHANE	1.202	1.280	-6.5	104	-0.05	9.31- 9.72
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	-0.05	10.31-10.72
36 m	BENZENE	0.855	0.958	-12.0	107	-0.05	10.00-10.41
37 m	CYCLOHEXANE	0.393	0.381	3.1	104	-0.05	10.26-10.67

Initial Calibration Verification

Page 2 of 2

Sample: MSQ69-ICV
Lab FileID: Q1323.D

38 m	TRICHLOROETHYLENE	0.424	0.443	-4.5	104	-0.05	11.04-11.35
39 m	1,2-DICHLOROPROPANE	0.303	0.330	-8.9	110	-0.05	10.77-11.19
40 m	BROMODICHLOROMETHANE	0.650	0.680	-4.6	106	-0.05	11.01-11.32
41 m	2,2,4-TRIMETHYLPENTANE	1.568	1.614	-2.9	103	-0.05	11.02-11.43
42 m	1,4-DIOXANE	0.129	0.139	-7.8	102	-0.04	10.93-11.46
43 m	HEPTANE	0.520	0.558	-7.3	102	-0.05	11.31-11.62
44 m	METHYL ISOBUTYL KETONE	0.602	0.604	-0.3	94	-0.04	11.82-12.25
45 m	cis-1,3-DICHLOROPROPEN	0.398	0.456	-14.6	108	-0.04	11.81-12.22
46 m	TOLUENE	0.476	0.578	-21.4	111	-0.05	12.77-13.18
47 m	trans-1,3-DICHLOROPROP	0.268	0.322	-20.1	105	-0.05	12.36-12.67
48 m	1,1,2-TRICHLOROETHANE	0.253	0.274	-8.3	107	-0.05	12.52-12.88
49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	-0.05	14.61-14.92
50 m	2-HEXANONE	0.639	0.708	-10.8	91	-0.04	13.00-13.40
51 m	TETRACHLOROETHYLENE	0.525	0.629	-19.8	108	-0.05	13.91-14.32
52 m	DIBROMOCHLOROMETHANE	0.656	0.759	-15.7	109	-0.05	13.23-13.59
53 m	1,2-DIBROMOETHANE	0.542	0.623	-14.9	110	-0.05	13.50-13.81
54 m	CHLOROBENZENE	0.795	0.885	-11.3	109	-0.05	14.65-14.96
55 m	ETHYLBENZENE	1.371	1.728	-26.0	106	-0.05	15.01-15.37
56 m	m,p-XYLENE	0.512	0.621	-21.3	106	-0.04	15.20-15.57
57 m	o-XYLENE	0.513	0.625	-21.8	104	-0.05	15.70-16.06
58 m	STYRENE	0.588	0.778	-32.3#	106	-0.04	15.61-15.92
59 m	NONANE	1.132	1.275	-12.6	100	-0.04	15.93-16.24
60 m	BROMOFORM	0.581	0.720	-23.9	108	-0.05	15.33-15.64
61 S	4-BROMOFLUOROBENZENE	0.502	0.465	7.4	73	-0.04	16.23-16.54
62 m	1,1,2,2-TETRACHLOROETH	0.875	0.974	-11.3	99	-0.05	15.71-16.02
63 m	ISOPROPYLBENZENE	1.610	1.933	-20.1	103	-0.04	16.37-16.68
64 m	2-CHLOROTOLUENE	1.124	1.358	-20.8	101	-0.04	16.87-17.28
----- True Calc. % Drift -----							
65 m	4-ETHYLTOLUENE	10.000	10.945	-9.5	101	-0.04	17.13-17.40
----- AvgRF CCRF % Dev -----							
66 m	1,3,5-TRIMETHYLBENZENE	1.284	1.597	-24.4	102	-0.04	17.22-17.48
----- True Calc. % Drift -----							
67 m	1,2,4-TRIMETHYLBENZENE	10.000	11.103	-11.0	103	-0.04	17.66-17.97
----- AvgRF CCRF % Dev -----							
68 m	m-DICHLOROBENZENE	0.587	0.719	-22.5	102	-0.04	17.83-18.16
----- True Calc. % Drift -----							
69 m	BENZYL CHLORIDE	10.000	10.264	-2.6	91	-0.04	17.81-18.12
----- AvgRF CCRF % Dev -----							
70 m	p-DICHLOROBENZENE	0.597	0.713	-19.4	102	-0.04	17.95-18.19
71 m	o-DICHLOROBENZENE	0.596	0.734	-23.2	103	-0.04	18.30-18.61
72 m	HEXACHLOROBUTADIENE	0.554	0.576	-4.0	89	-0.03	20.64-21.05
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.162	-12.5	94	-0.03	20.15-20.56
74 m	NAPHTHALENE					-NA-	

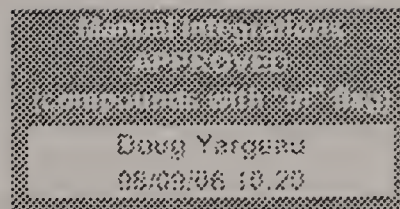
(#) = Out of Range

Q1309.D Q080706T.m

SPCC's out = 0 CCC's out = 0

Tue Aug 08 09:28:12 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	10.42	PPBV	87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : ICV (D011)
Misc : MS11922,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:46 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration

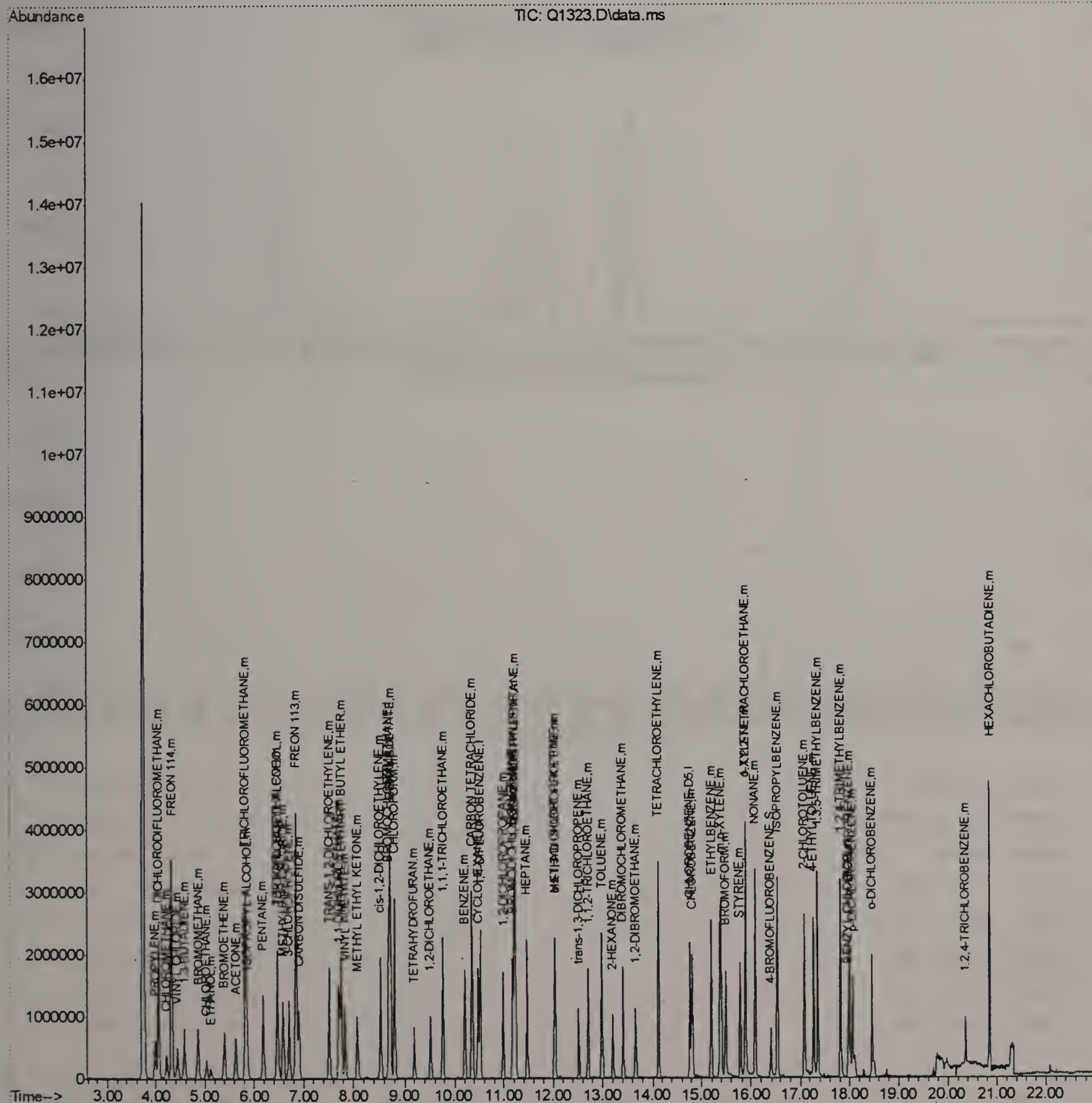
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1168959m	24.28	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : ICV (D011)
Misc : MS11922,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

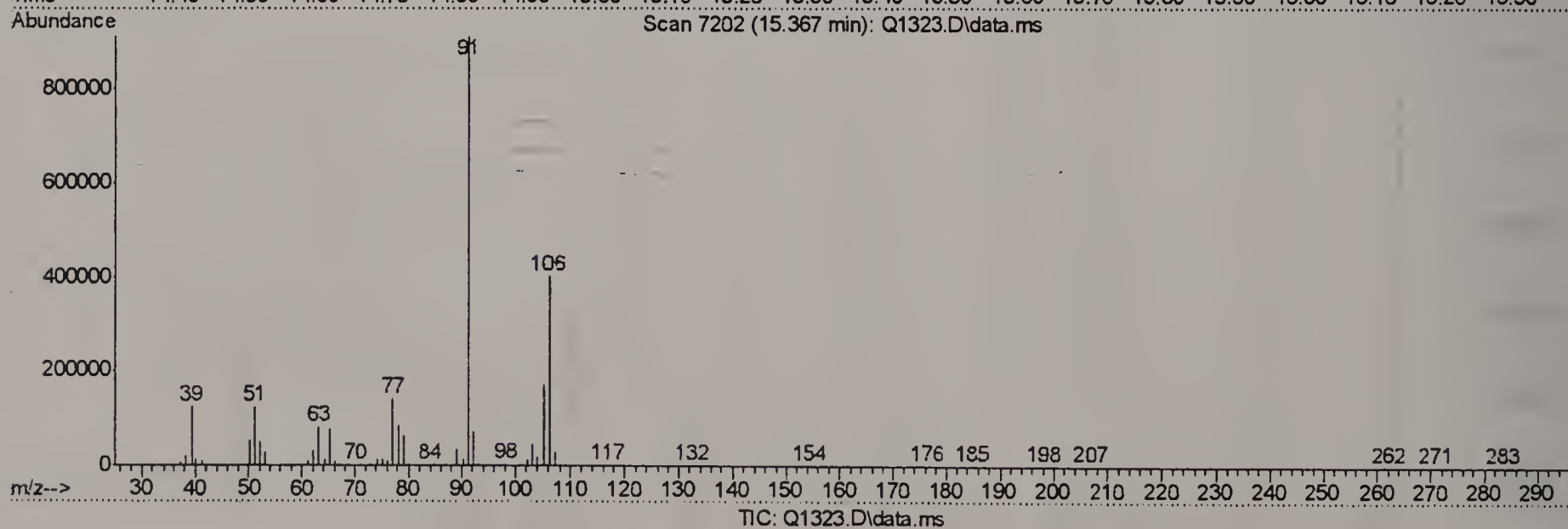
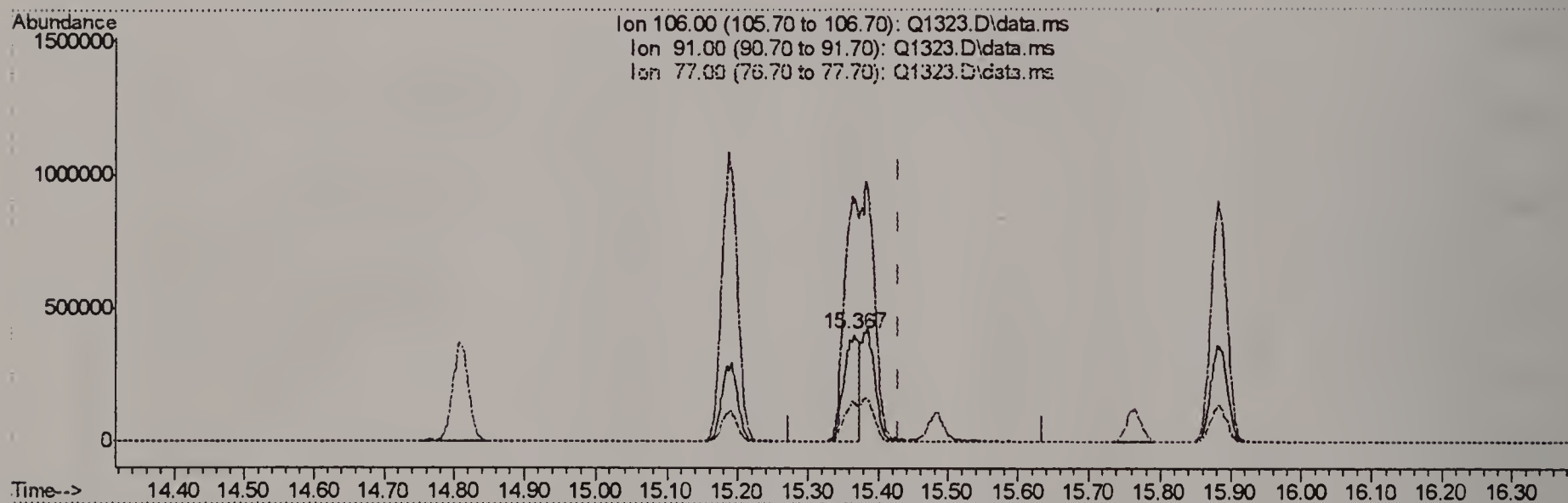
Quant Time: Aug 08 09:27:46 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

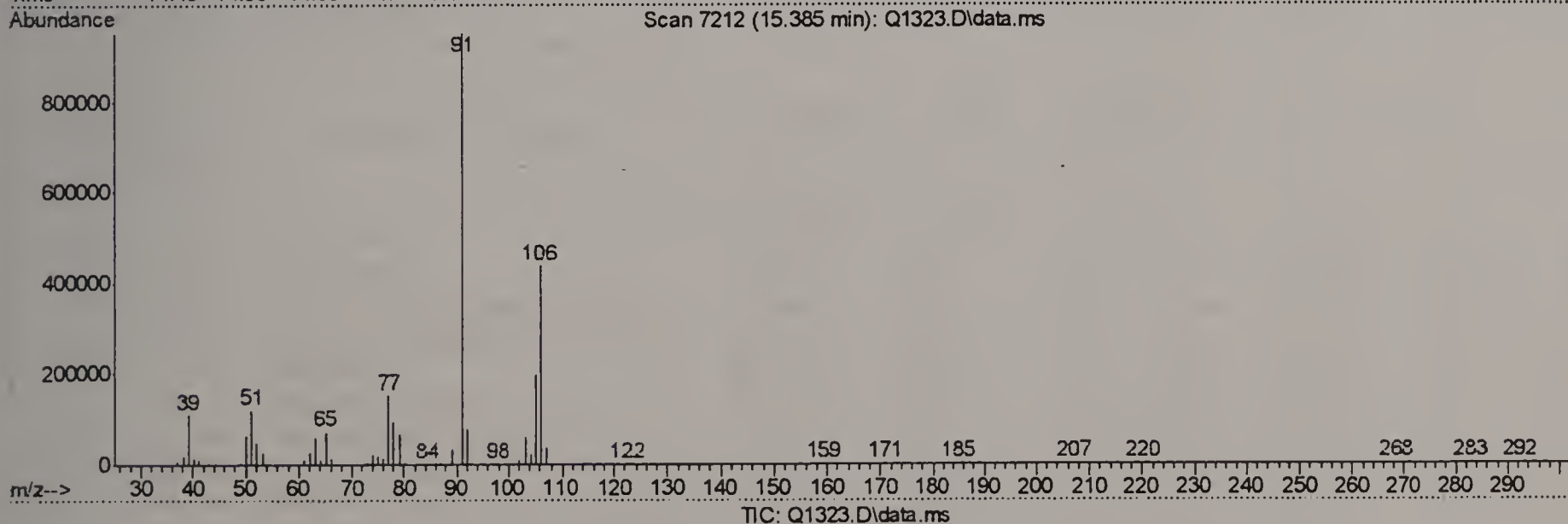
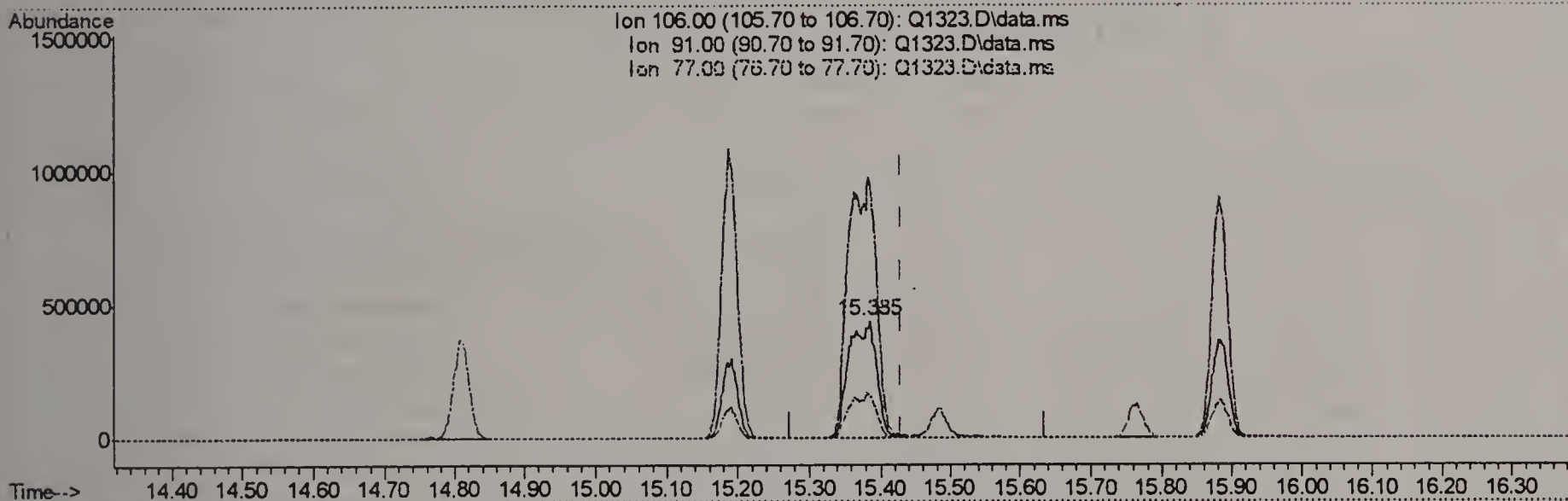
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.385min (-0.044) 24.28PPBV m

response 1168959

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

Calibration Verification Data

$$\frac{T_0 - 15}{(\text{Test})}$$

Continuing Calibration Summary

Page 1 of 2

Job Number: M58258
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-CC68
Lab FileID: Q1323B.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q1323B.D Vial: 3
Acq On : 8 Aug 2006 9:03 am Operator: PhilipB
Sample : CC68-10 (D011) Inst : MAMSQ
Misc : MS11934,MSQ69,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Aug 08 10:04:39 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	-0.05	8.48- 8.89
2 m	DICHLORODIFLUOROMETHANE	4.192	4.006	4.4	111	-0.04	3.84- 4.25
3 m	PROPYLENE	0.669	0.721	-7.8	120	-0.03	3.77- 4.18
4 m	FREON 114	3.977	3.887	2.3	109	-0.04	4.10- 4.52
5 m	CHLOROMETHANE	1.058	0.838	20.8	107	-0.04	4.00- 4.41
6 m	VINYL CHLORIDE	1.130	1.016	10.1	107	-0.04	4.23- 4.64
7 m	1,3-BUTADIENE	0.984	0.980	0.4	108	-0.04	4.37- 4.78
8 m	BROMOMETHANE	1.115	1.046	6.2	104	-0.04	4.65- 5.06
9 m	CHLOROETHANE	0.506	0.470	7.1	105	-0.04	4.83- 5.24
10 m	TRICHLOROFLUOROMETHANE	4.994	4.785	4.2	104	-0.05	5.62- 6.03
----- True Calc. % Drift -----							
11 m	ISOPROPYL ALCOHOL	10.000	10.420	-4.2	100	-0.05	5.62- 6.09
----- AvgRF CCRF % Dev -----							
12 m	ACETONE	1.711	1.804	-5.4	111	-0.04	5.42- 5.83
13 m	PENTANE	1.078	0.992	8.0	100	-0.05	6.02- 6.33
14 m	1,1-DICHLOROETHYLENE	1.043	0.947	9.2	104	-0.05	6.26- 6.67
15 m	CARBON DISULFIDE	2.933	2.745	6.4	101	-0.05	6.69- 7.10
16 m	ETHANOL	0.366	0.355	3.0	106	-0.05	4.89- 5.35
17 m	BROMOETHENE	0.905	0.904	0.1	107	-0.05	5.19- 5.60
18 m	METHYLENE CHLORIDE	1.195	0.854	28.5	100	-0.05	6.43- 6.73
19 m	3-CHLOROPROPENE	1.464	1.450	1.0	103	-0.05	6.49- 6.90
20 m	FREON 113	2.571	2.627	-2.2	106	-0.05	6.63- 7.05
21 m	TRANS-1,2-DICHLOROETHY	1.090	0.989	9.3	101	-0.05	7.31- 7.72
22 m	TERTIARY BUTYL ALCOHOL	1.746	0.816	53.3#	81	-0.05	6.21- 6.73
23 m	METHYL TERTIARY BUTYL	2.721	3.129	-15.0	111	-0.04	7.55- 7.96
24 m	TETRAHYDROFURAN	0.626	0.769	-22.8	113	-0.04	9.05- 9.33
25 m	HEXANE	1.743	1.638	6.0	98	-0.05	8.51- 8.92
26 m	VINYL ACETATE	2.694	2.922	-8.5	102	-0.05	7.66- 8.01
27 m	1,1-DICHLOROETHANE	2.401	2.245	6.5	100	-0.05	7.50- 7.91
28 m	METHYL ETHYL KETONE	2.173	2.081	4.2	98	-0.04	7.83- 8.32
29 m	cis-1,2-DICHLOROETHYLE	1.230	1.185	3.7	102	-0.05	8.31- 8.72
30 m	ETHYL ACETATE	3.781	3.681	2.6	99	-0.05	8.50- 8.92
31 m	CHLOROFORM	3.134	3.276	-4.5	103	-0.05	8.60- 9.01
32 m	1,1,1-TRICHLOROETHANE	2.075	2.225	-7.2	107	-0.05	9.55- 9.97
33 m	CARBON TETRACHLORIDE	2.395	2.513	-4.9	105	-0.05	10.14-10.55
34 m	1,2-DICHLOROETHANE	1.202	1.280	-6.5	104	-0.05	9.31- 9.72
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	-0.05	10.31-10.72
36 m	BENZENE	0.855	0.958	-12.0	107	-0.05	10.00-10.41
37 m	CYCLOHEXANE	0.393	0.381	3.1	104	-0.05	10.26-10.67

Continuing Calibration Summary

Page 2 of 2

Job Number: M58258

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample:

MSQ69-CC68

Lab FileID:

Q1323B.D

38 m	TRICHLOROETHYLENE	0.424	0.443	-4.5	104	-0.05	11.04-11.35
39 m	1,2-DICHLOROPROPANE	0.303	0.330	-8.9	110	-0.05	10.77-11.19
40 m	BROMODICHLOROMETHANE	0.650	0.680	-4.6	106	-0.05	11.01-11.32
41 m	2,2,4-TRIMETHYLPENTANE	1.568	1.614	-2.9	103	-0.05	11.02-11.43
42 m	1,4-DIOXANE	0.129	0.139	-7.8	102	-0.04	10.93-11.46
43 m	HEPTANE	0.520	0.558	-7.3	102	-0.05	11.31-11.62
44 m	METHYL ISOBUTYL KETONE	0.602	0.604	-0.3	94	-0.04	11.82-12.25
45 m	cis-1,3-DICHLOROPROPEN	0.398	0.456	-14.6	108	-0.04	11.81-12.22
46 m	TOLUENE	0.476	0.578	-21.4	111	-0.05	12.77-13.18
47 m	trans-1,3-DICHLOROPROP	0.268	0.322	-20.1	105	-0.05	12.36-12.67
48 m	1,1,2-TRICHLOROETHANE	0.253	0.274	-8.3	107	-0.05	12.52-12.88
49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	-0.05	14.61-14.92
50 m	2-HEXANONE	0.639	0.708	-10.8	91	-0.04	13.00-13.40
51 m	TETRACHLOROETHYLENE	0.525	0.629	-19.8	108	-0.05	13.91-14.32
52 m	DIBROMOCHLOROMETHANE	0.656	0.759	-15.7	109	-0.05	13.23-13.59
53 m	1,2-DIBROMOETHANE	0.542	0.623	-14.9	110	-0.05	13.50-13.81
54 m	CHLOROBENZENE	0.795	0.885	-11.3	109	-0.05	14.65-14.96
55 m	ETHYLBENZENE	1.371	1.728	-26.0	106	-0.05	15.01-15.37
56 m	m,p-XYLENE	0.512	0.621	-21.3	106	-0.04	15.20-15.57
57 m	o-XYLENE	0.513	0.625	-21.8	104	-0.05	15.70-16.06
58 m	STYRENE	0.588	0.778	-32.3#	106	-0.04	15.61-15.92
59 m	NONANE	1.132	1.275	-12.6	100	-0.04	15.93-16.24
60 m	BROMOFORM	0.581	0.720	-23.9	108	-0.05	15.33-15.64
61 S	4-BROMOFLUOROBENZENE	0.502	0.465	7.4	73	-0.04	16.23-16.54
62 m	1,1,2,2-TETRACHLOROETH	0.875	0.974	-11.3	99	-0.05	15.71-16.02
63 m	ISOPROPYLBENZENE	1.610	1.933	-20.1	103	-0.04	16.37-16.68
64 m	2-CHLOROTOLUENE	1.124	1.358	-20.8	101	-0.04	16.87-17.28
----- True Calc. % Drift -----							
65 m	4-ETHYLTOLUENE	10.000	10.945	-9.5	101	-0.04	17.13-17.40
----- AvgRF CCRF % Dev -----							
66 m	1,3,5-TRIMETHYLBENZENE	1.284	1.597	-24.4	102	-0.04	17.22-17.48
----- True Calc. % Drift -----							
67 m	1,2,4-TRIMETHYLBENZENE	10.000	11.103	-11.0	103	-0.04	17.66-17.97
----- AvgRF CCRF % Dev -----							
68 m	m-DICHLOROBENZENE	0.587	0.719	-22.5	102	-0.04	17.83-18.16
----- True Calc. % Drift -----							
69 m	BENZYL CHLORIDE	10.000	10.264	-2.6	91	-0.04	17.81-18.12
----- AvgRF CCRF % Dev -----							
70 m	p-DICHLOROBENZENE	0.597	0.713	-19.4	102	-0.04	17.95-18.19
71 m	o-DICHLOROBENZENE	0.596	0.734	-23.2	103	-0.04	18.30-18.61
72 m	HEXACHLOROBUTADIENE	0.554	0.576	-4.0	89	-0.03	20.64-21.05
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.162	-12.5	94	-0.03	20.15-20.56
74 m	NAPHTHALENE					-NA-	

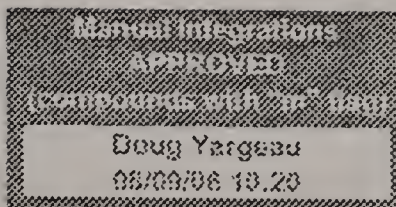
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Q1309.D Q080706T.m

SPCC's out = 0 CCC's out = 0

Tue Aug 08 11:46:52 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	Below Cal		87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

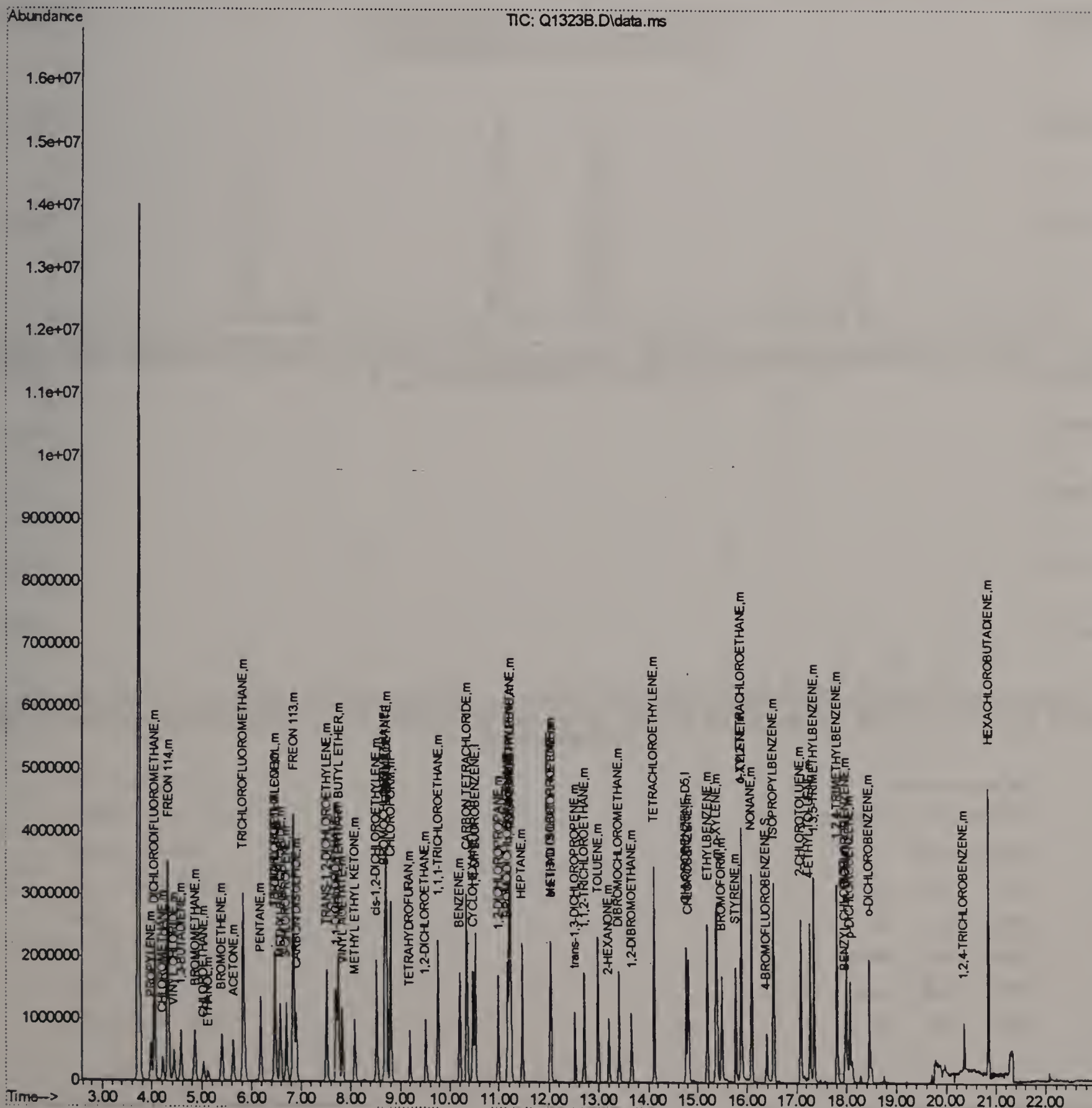
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1168493m	24.27	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323B.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : CC68-10 (D011)
Misc : MS11934,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

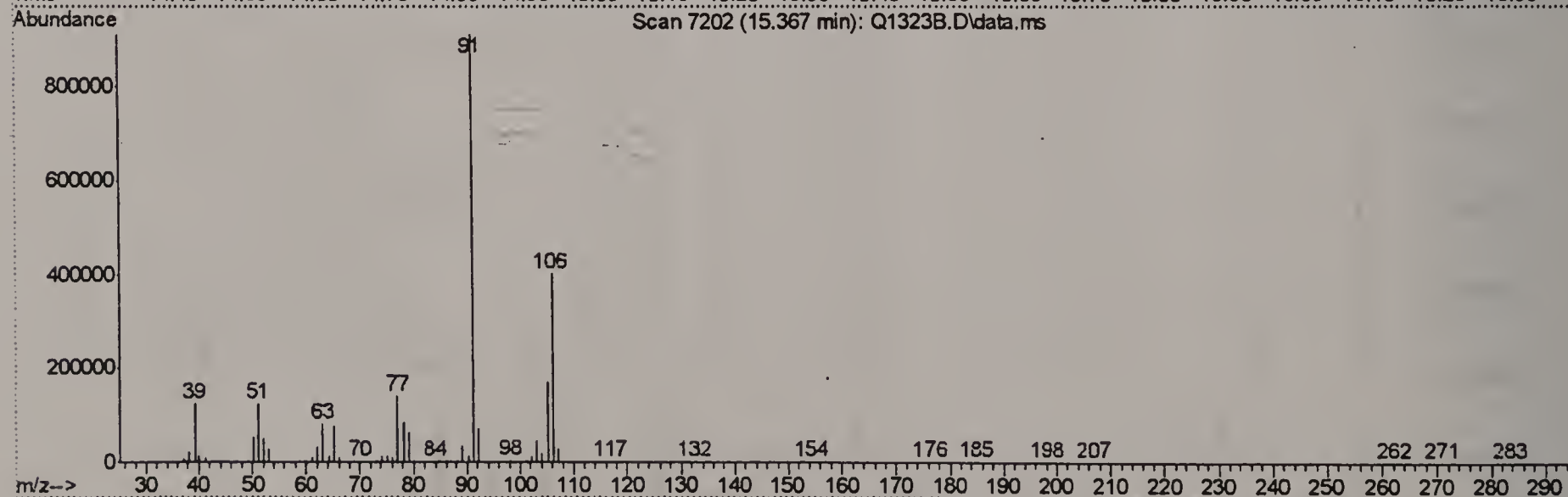
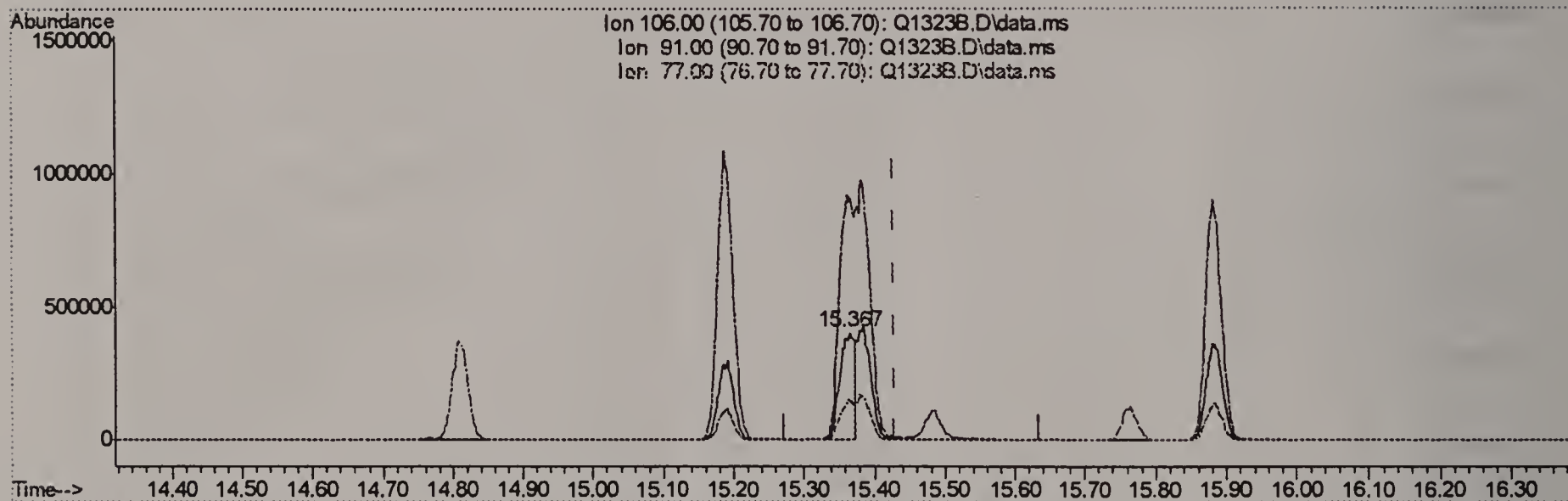
Quant Time: Aug 08 11:46:32 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 10:04:39 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



TIC: Q1323B.D\data.ms

(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

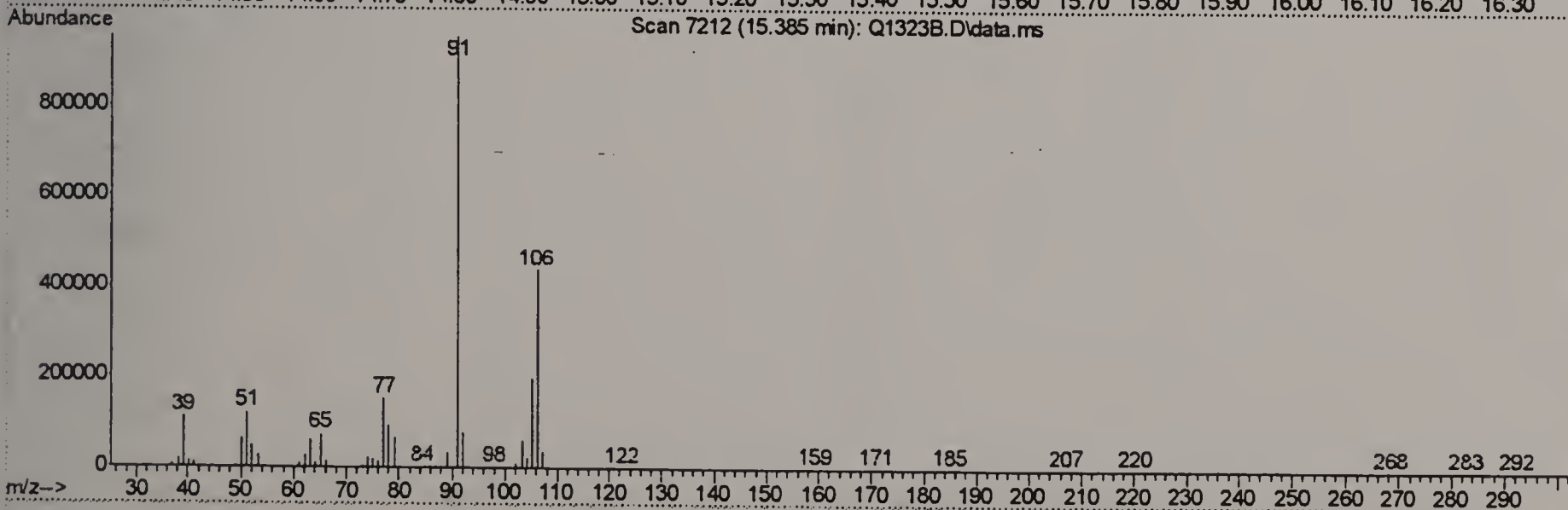
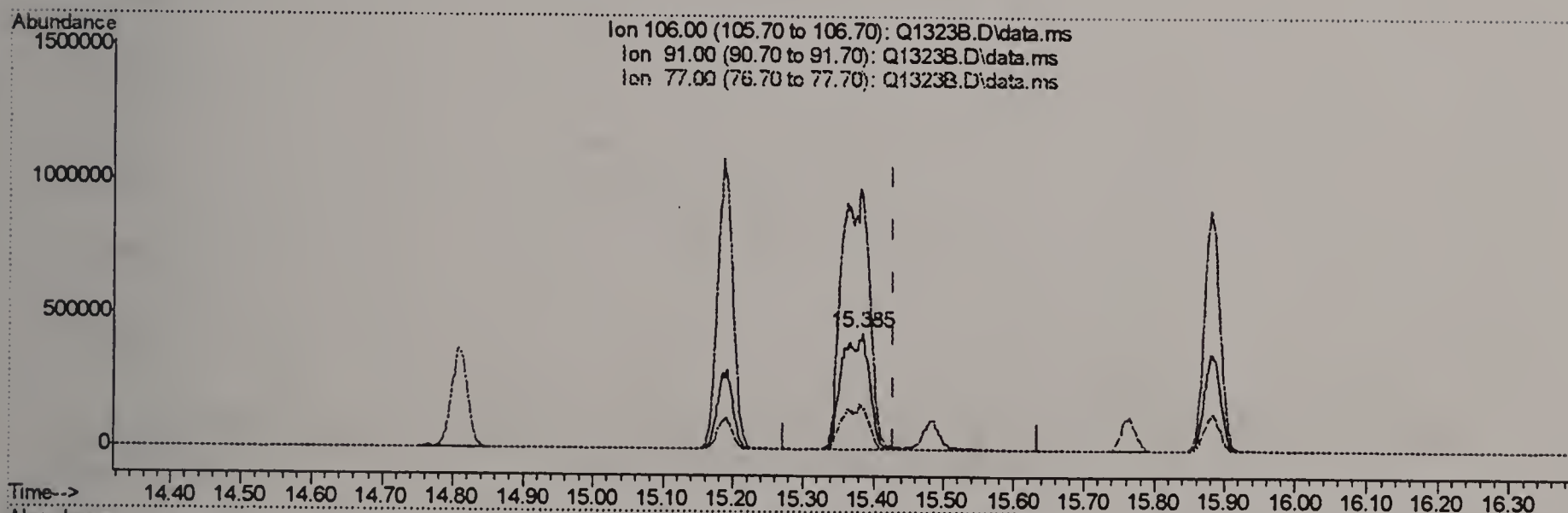
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



TIC: Q1323B.D\data.ms

(56) m,p-XYLENE (m)

15.385min (-0.044) 24.27PPBV m

response 1168493

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

QC Raw Data

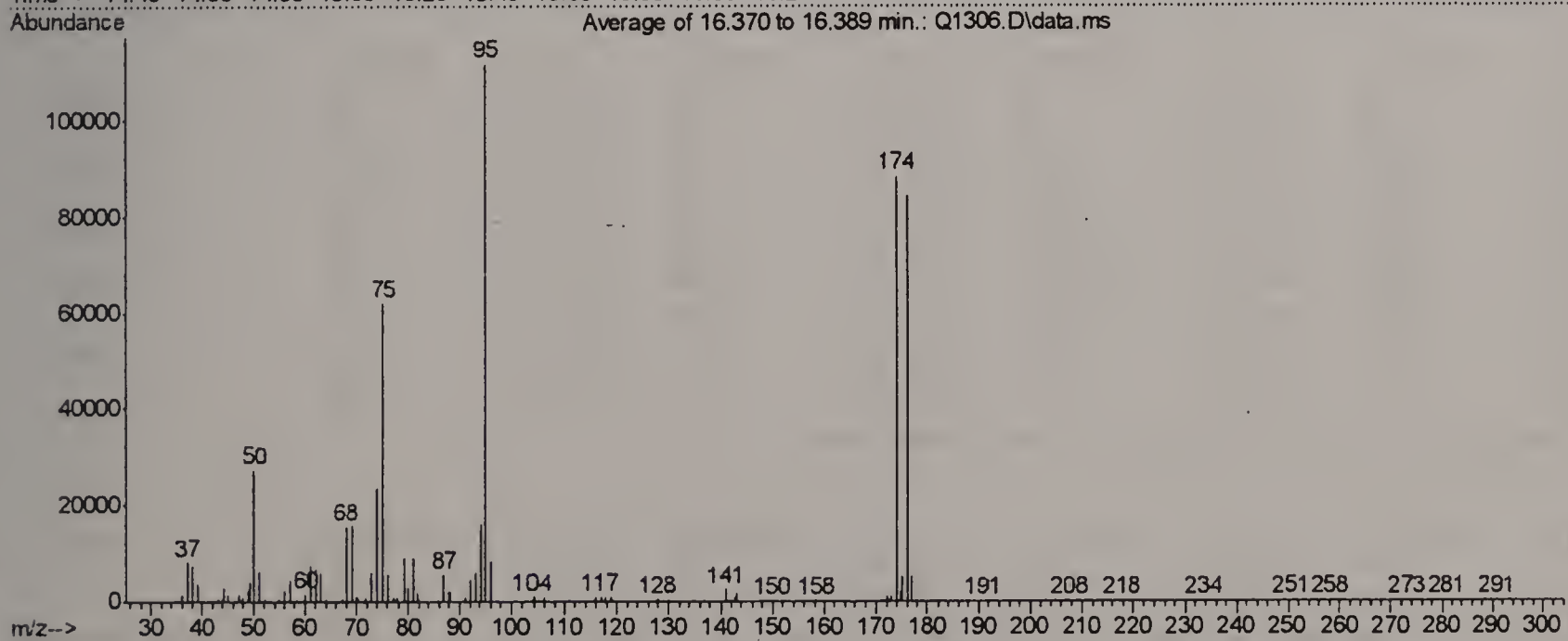
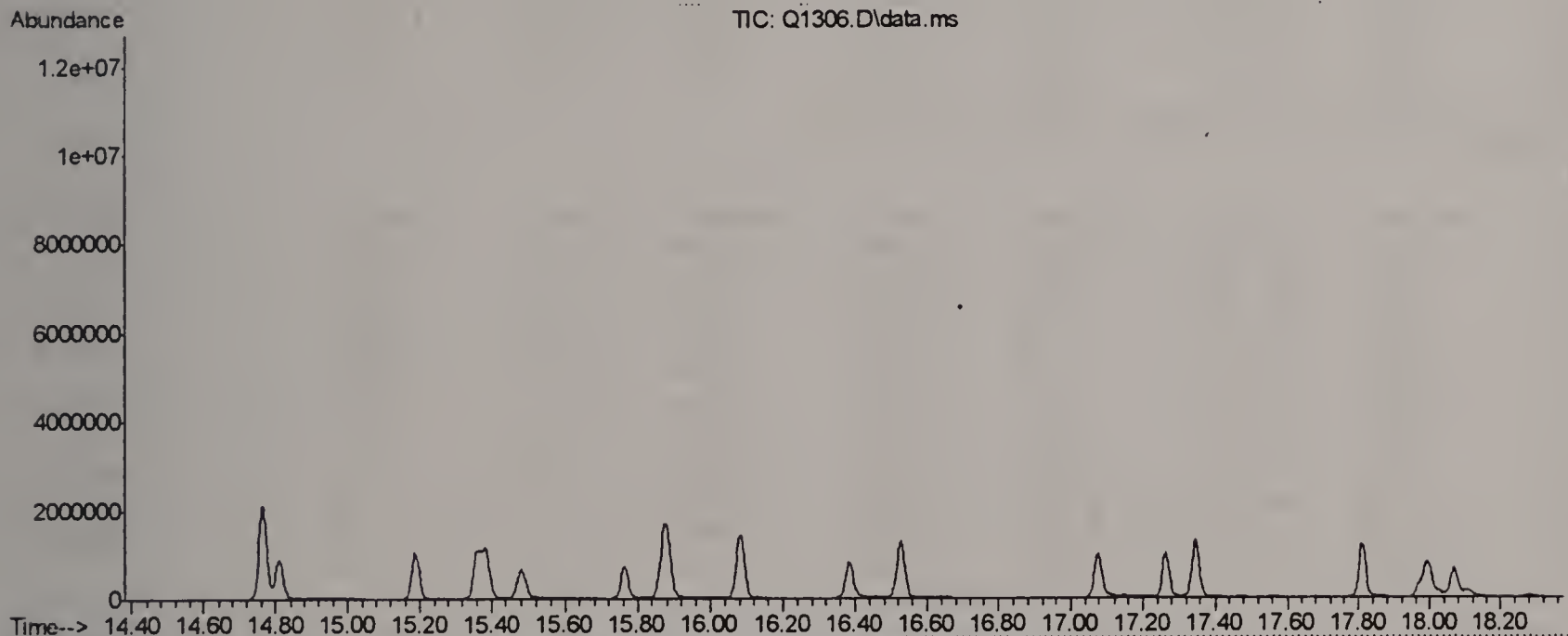
$$\frac{T_0 - 15}{(\text{Test})}$$

BFB

Data File : C:\msdchem\1\DATA\Q1306.D
Acq On : 7 Aug 2006 1:05 pm
Sample : IC68-5 (M140)
Misc : MS11916,MSQ68,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.370 to 16.389 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.4	27326	PASS
75	95	30	66	55.4	61927	PASS
95	95	100	100	100.0	111867	PASS
96	95	5	9	7.3	8195	PASS
173	174	0.00	2	1.2	1020	PASS
174	95	50	120	79.0	88389	PASS
175	174	4	9	5.8	5092	PASS
176	174	93	101	95.4	84322	PASS
177	176	5	9	6.2	5203	PASS

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.15	179	41.80	51	47.50	286	53.00	205
35.95	873	43.00	452	47.70	87	53.25	85
36.20	1430	43.90	474	48.05	867	54.00	86
37.15	8290	44.10	2773	49.00	2313	55.05	454
38.10	7463	44.70	42	49.15	3890	55.25	198
39.10	3632	45.00	1358	50.10	27326	56.05	2193
39.80	108	45.25	225	51.05	6344	56.80	367
39.95	297	45.80	47	51.25	1996	57.10	4406
40.15	200	46.20	59	51.90	160	57.90	141
40.75	121	46.35	185	52.10	441	58.05	174
41.20	309	47.10	1521	52.40	42	58.50	166

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
59.10	62	65.00	356	70.85	129	77.85	844
59.85	306	65.10	127	71.70	212	79.00	9203
60.10	1474	65.25	244	71.80	122	80.00	2777
60.30	140	66.00	40	71.95	870	81.05	9260
61.05	7362	66.20	92	72.30	179	81.90	1830
62.10	6815	66.90	207	73.05	5946	82.10	576
63.05	6065	67.25	658	74.05	23448	83.00	405
63.85	221	68.00	15595	75.10	61927	83.20	45
64.10	641	69.10	15845	76.15	5686	84.80	59
64.40	136	70.00	1022	76.95	426	85.10	39
64.95	278	70.15	823	77.25	762	85.60	83

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.90	265	90.75	99	98.00	143	105.30	62
86.10	52	90.90	54	98.70	73	105.70	69
87.00	5507	91.10	897	102.00	78	105.80	180
87.85	958	92.10	4622	103.00	39	105.95	874
87.90	334	93.10	6075	103.20	51	107.00	82
88.00	2013	94.10	15961	103.80	260	109.30	58
88.15	2039	95.05	111867	103.90	188	109.90	91
88.90	137	96.05	8195	104.05	1029	110.20	54
89.25	109	96.80	151	104.70	107	110.70	156
89.50	57	97.00	182	104.80	79	111.05	230
90.20	53	97.40	59	104.95	173	111.85	338

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
112.10	60	116.50	85	123.90	111	129.75	73
112.65	175	116.90	962	124.15	81	129.80	284
112.80	103	117.05	537	124.90	103	129.90	180
113.00	69	117.60	59	125.15	95	130.05	271
114.30	69	117.90	862	125.60	48	131.00	143
114.70	151	118.10	48	125.90	63	132.30	35
115.00	40	118.85	935	127.75	179	133.65	71
115.70	200	119.05	331	127.95	460	134.60	100
115.80	45	122.00	64	128.20	104	134.85	421
115.95	745	122.20	47	128.70	37	135.10	231
116.30	83	123.60	35	129.05	276	136.75	194

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

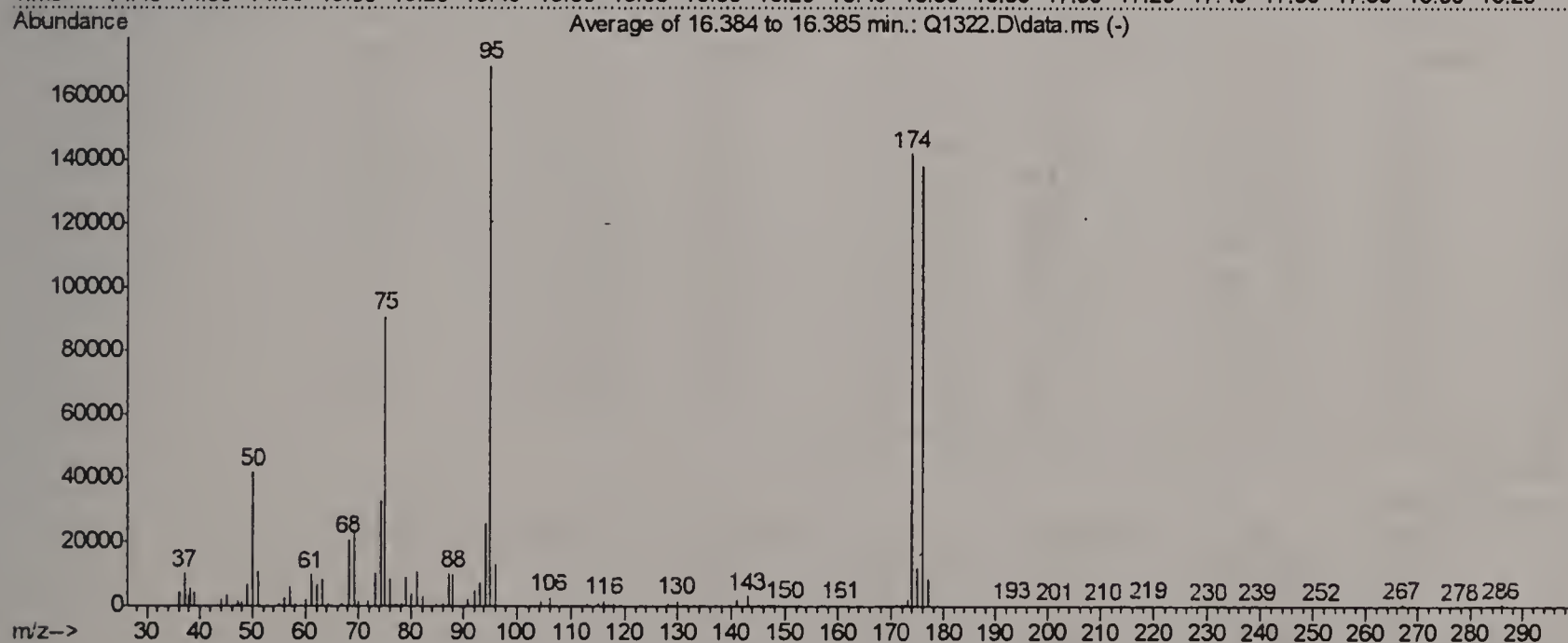
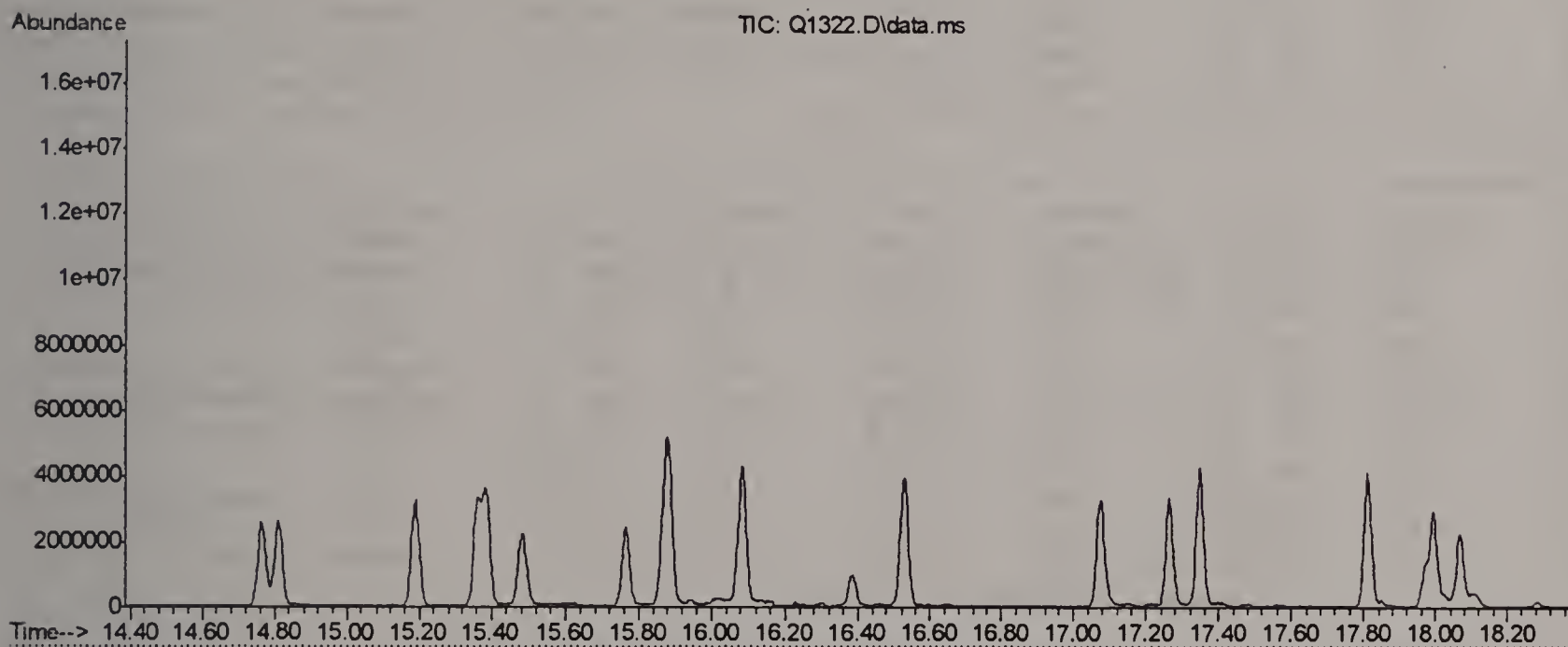
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
137.15	129	142.00	220	147.20	54	155.90	45
138.10	97	142.90	911	147.70	46	156.90	43
138.70	36	143.10	1697	147.95	165	157.20	36
139.00	48	143.70	62	148.90	79	157.80	52

BFB

Data File : C:\msdchem\1\DATA\Q1322.D
Acq On : 8 Aug 2006 8:18 am
Sample : CC68-10 (M140)
Misc : MS11922,MSQ69,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.384 to 16.385 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.7	41996	PASS
75	95	30	66	53.6	91082	PASS
95	95	100	100	100.0	169936	PASS
96	95	5	9	7.8	13283	PASS
173	174	0.00	2	1.4	2039	PASS
174	95	50	120	83.7	142208	PASS
175	174	4	9	8.5	12064	PASS
176	174	93	101	96.9	137856	PASS
177	176	5	9	6.4	8821	PASS

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	4354	48.00	1494	62.05	7112	73.10	10305
37.05	10288	49.00	6824	63.05	8328	74.15	33268
37.95	3257	50.10	41996	64.10	920	75.05	91082
38.20	5719	51.15	10697	65.00	493	76.10	8686
39.10	4452	55.15	724	66.00	344	76.80	485
43.20	357	56.10	2762	66.80	825	77.00	1005
43.40	232	57.15	5959	67.10	295	77.50	525
44.05	2262	58.25	677	68.10	21012	78.05	941
45.10	3310	59.10	429	69.15	23492	79.05	8946
46.50	257	60.00	2101	70.10	1637	79.95	3902
47.05	1667	61.05	9994	71.85	1802	81.00	10695

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.10	2880	95.05	169936	110.90	294	124.00	492
83.30	212	96.10	13283	111.60	370	128.10	731
84.85	706	99.60	559	112.85	882	128.90	637
86.00	957	100.40	205	115.10	917	129.90	1904
87.00	10037	102.75	319	116.05	1866	131.90	658
88.00	10060	103.10	341	116.80	475	133.00	500
89.80	221	104.15	1613	117.20	649	133.80	299
90.90	2001	105.00	500	117.80	350	135.10	237
92.05	4941	105.95	2699	118.00	687	135.80	382
93.10	7411	106.70	368	119.10	396	137.20	276
94.10	26208	108.00	224	123.00	243	138.20	320

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.40	355	149.00	588	160.65	554	172.70	458
140.00	471	150.10	463	161.90	531	173.00	2039
141.00	2407	151.80	210	163.80	484	174.00	142208
143.05	3444	152.50	284	168.30	333	175.05	12064
144.00	609	154.70	354	169.10	284	176.00	137856
145.00	252	156.90	480	169.70	334	176.95	8821
145.20	525	157.20	245	170.50	275	190.20	222
145.80	373	157.60	274	170.90	466	193.15	572
147.20	505	158.60	317	171.20	356	201.50	216
147.90	541	159.10	383	171.80	494	206.00	215
148.10	618	159.80	315	172.10	519	207.00	112

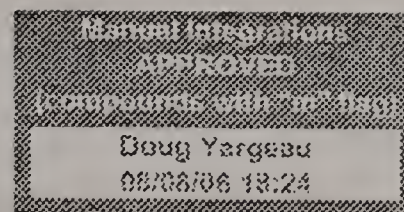
Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.30	215	230.30	295	266.90	866		
210.50	294	230.90	258	267.20	308		
213.90	249	231.70	259	268.10	204		
214.60	248	232.50	258	269.00	306		
216.70	243	234.20	231	277.90	203		
217.80	249	239.50	250	278.60	202		
218.95	458	243.60	209	281.10	353		
219.70	239	251.70	212	285.90	867		
220.80	269	255.40	204	289.35	8		
221.30	267	260.00	215				
225.50	212	265.70	217				

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 16:49:39 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.681	128	468774	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.513	114	1114562	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.765	117	617315	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE 16.384 95 112252m 3.62 PPBV -0.05
 Spiked Amount 5.000 Range 57 - 139 Recovery = 72.40%

Target Compounds

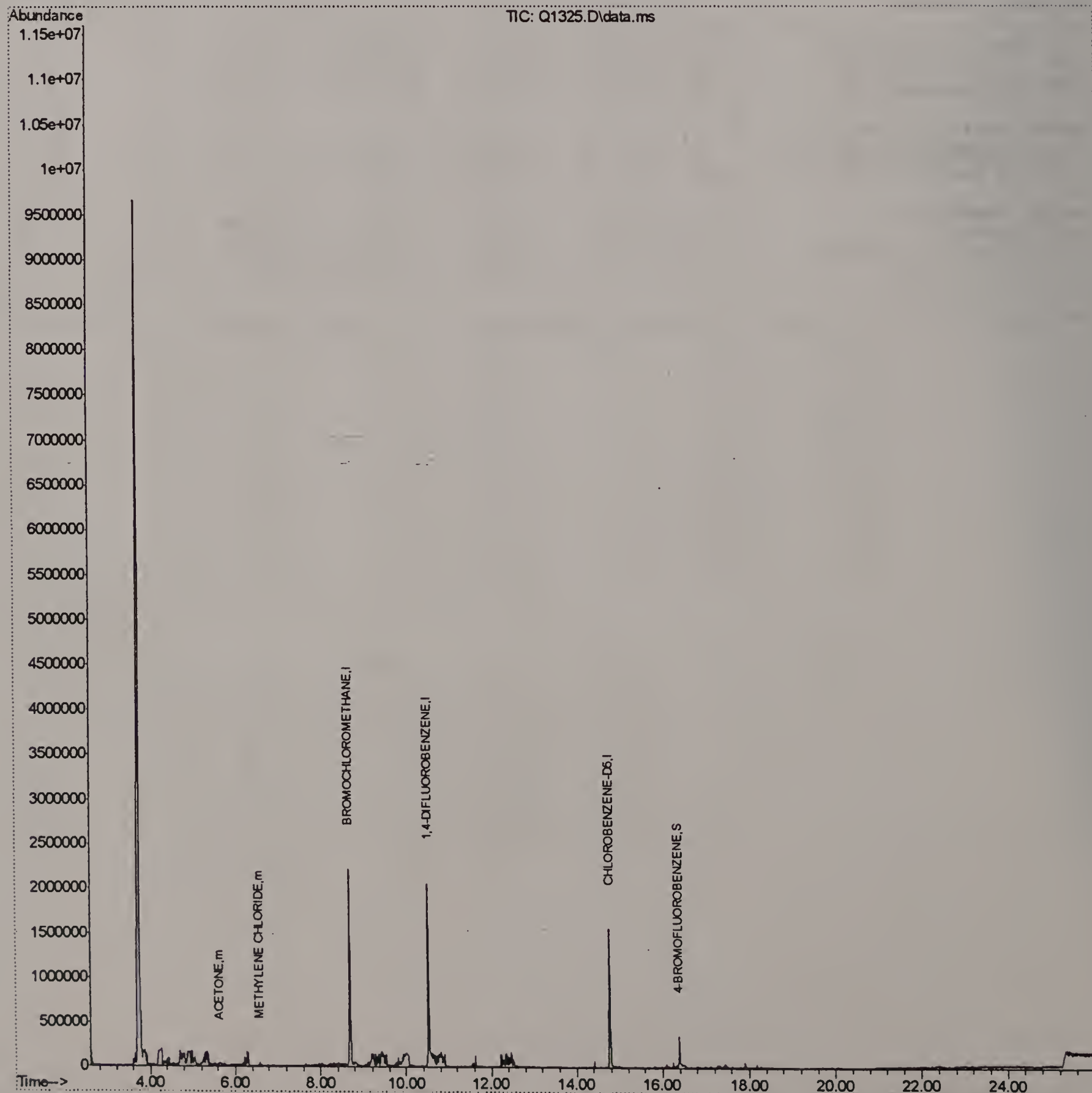
	R.T.	QIon	Response	Conc	Units	Qvalue
12) ACETONE	5.634	43	22189	0.28	PPBV	72
18) METHYLENE CHLORIDE	6.582	84	11002m	0.20	PPBV	

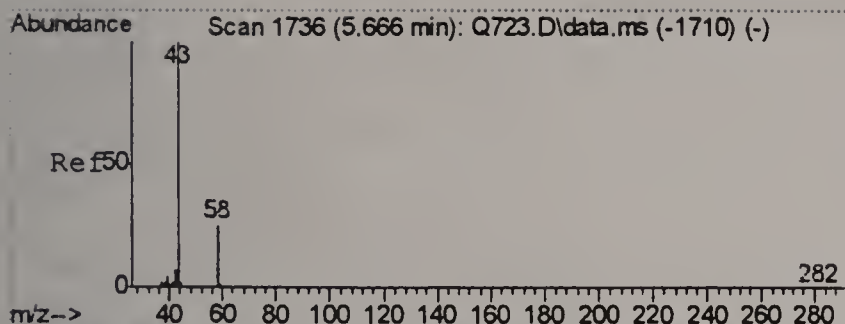
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

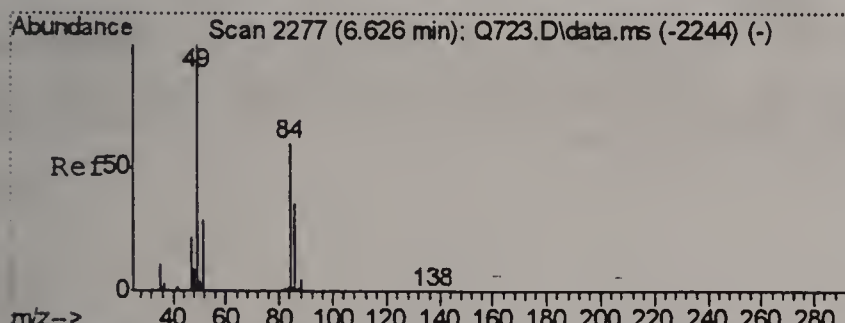
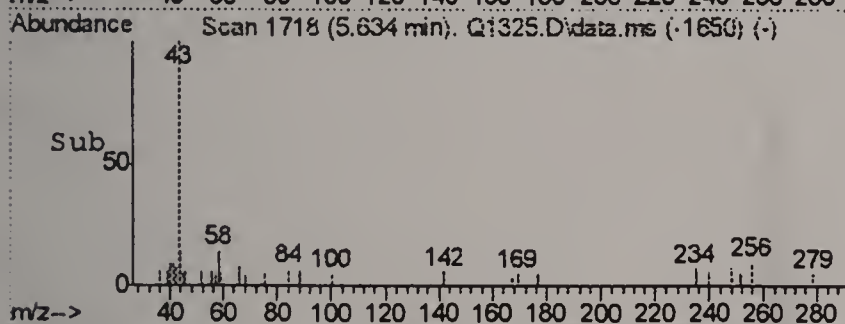
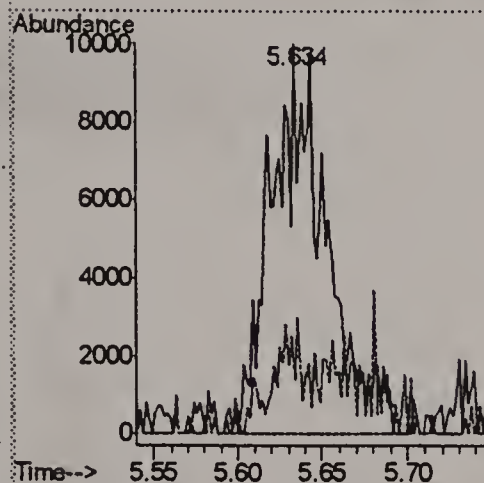
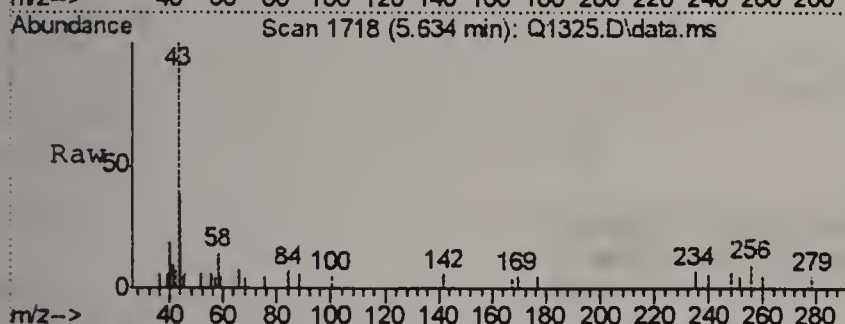
Quant Time: Aug 08 16:49:39 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration





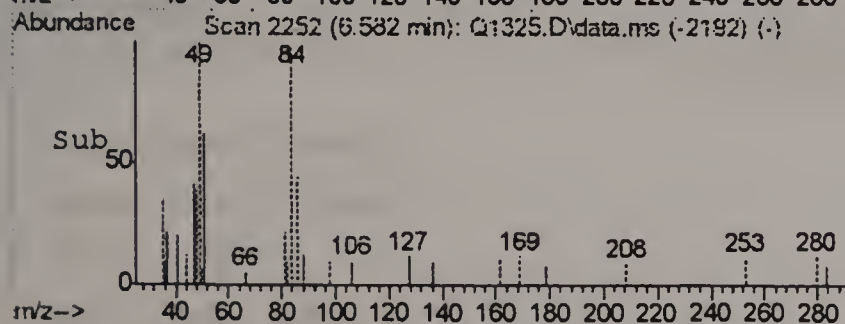
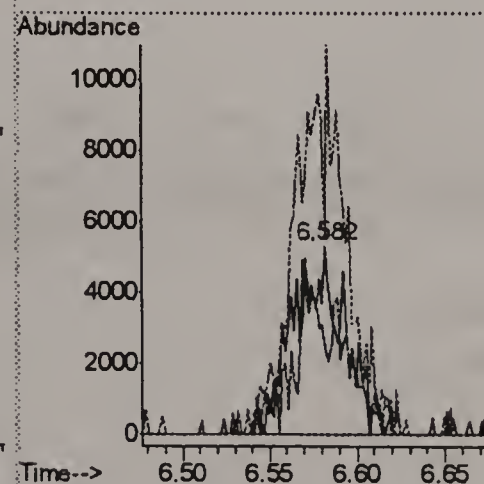
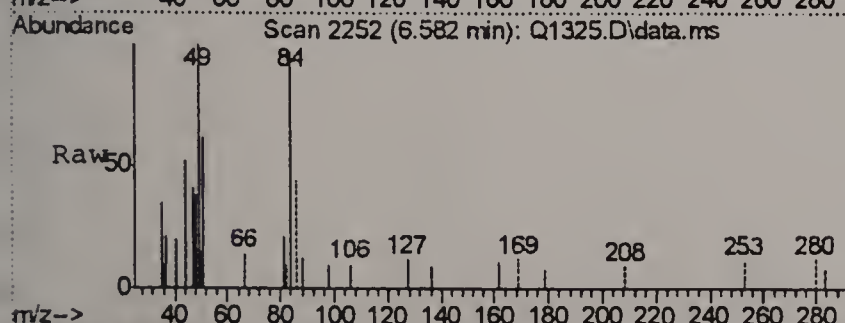
#12
ACETONE
Concen: 0.28 PPBV
RT: 5.634 min Scan# 1718
Delta R.T. -0.035 min
Lab File: Q1325.D
Acq: 8 Aug 2006 10:39 am

Tgt Ion: 43 Resp: 22189
Ion Ratio Lower Upper
43 100
58 10.2 4.1 44.1



#18
METHYLENE CHLORIDE
Concen: 0.20 PPBV m
RT: 6.582 min Scan# 2252
Delta R.T. -0.044 min
Lab File: Q1325.D
Acq: 8 Aug 2006 10:39 am

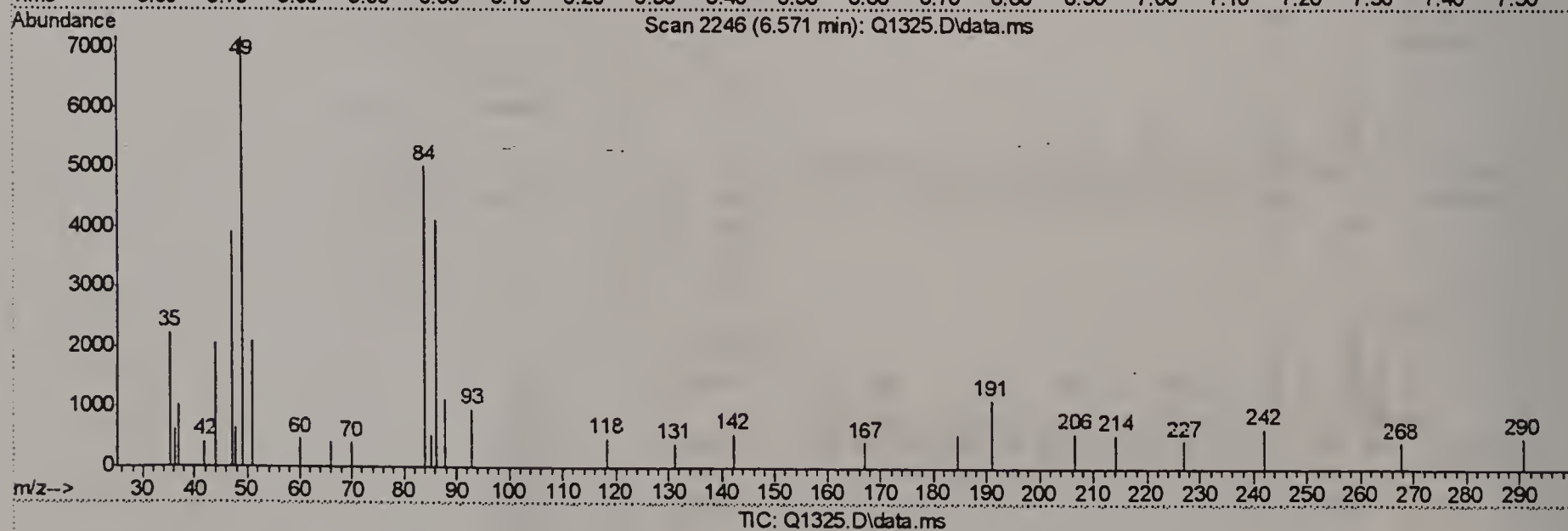
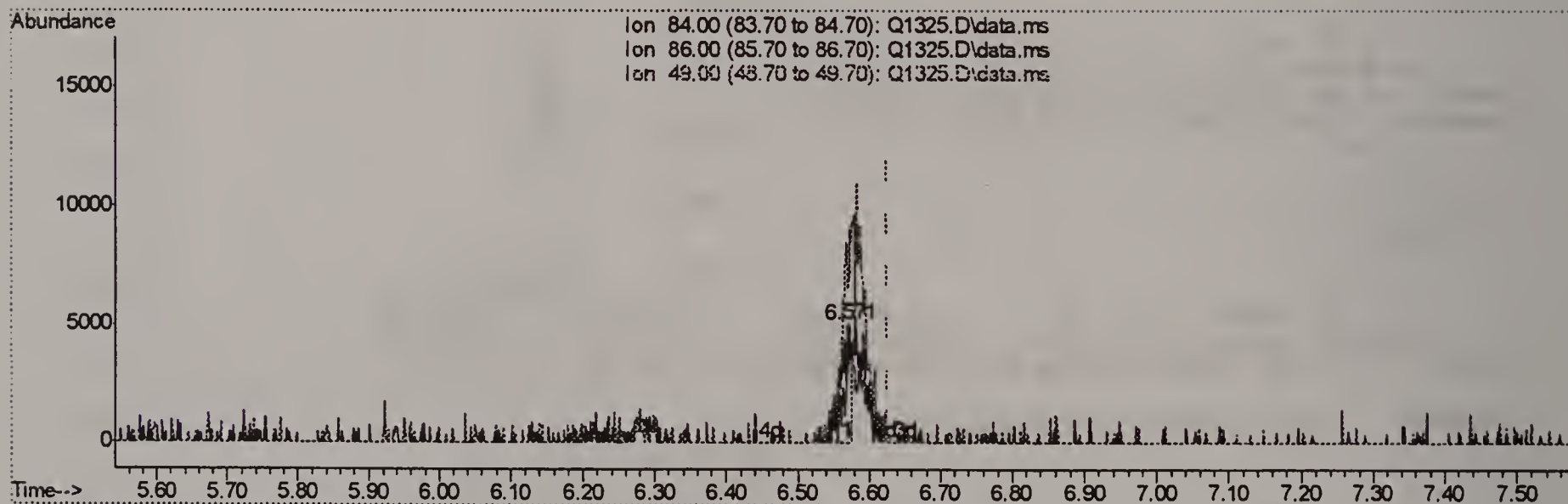
Tgt Ion: 84 Resp: 11002
Ion Ratio Lower Upper
84 100
86 46.9 44.6 84.6
49 193.3 0.7 400.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.571min (-0.055) 0.10PPBV

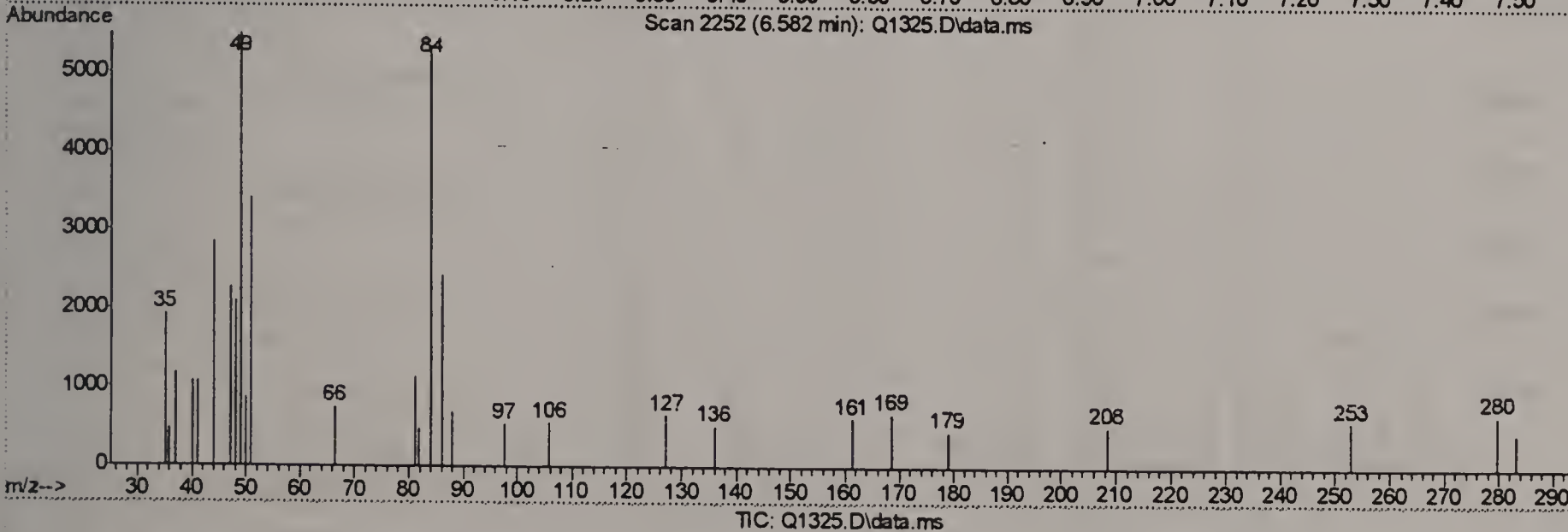
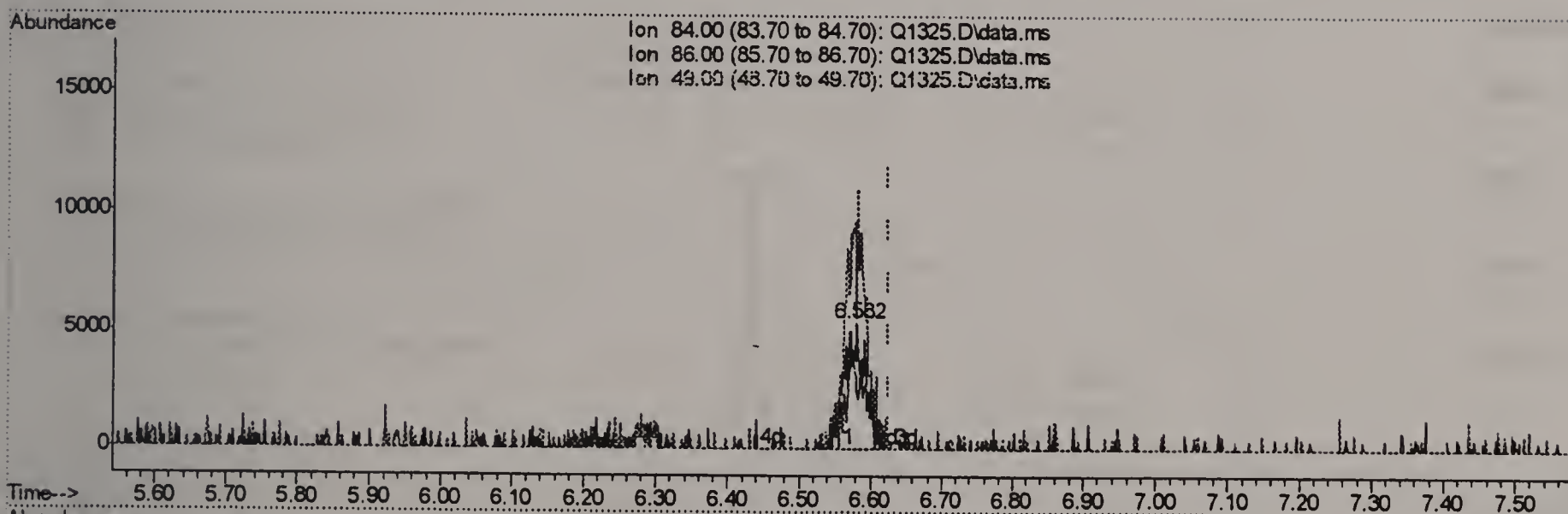
response 5346

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	96.45#
49.00	200.70	397.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.582min (-0.044) 0.20PPBV m

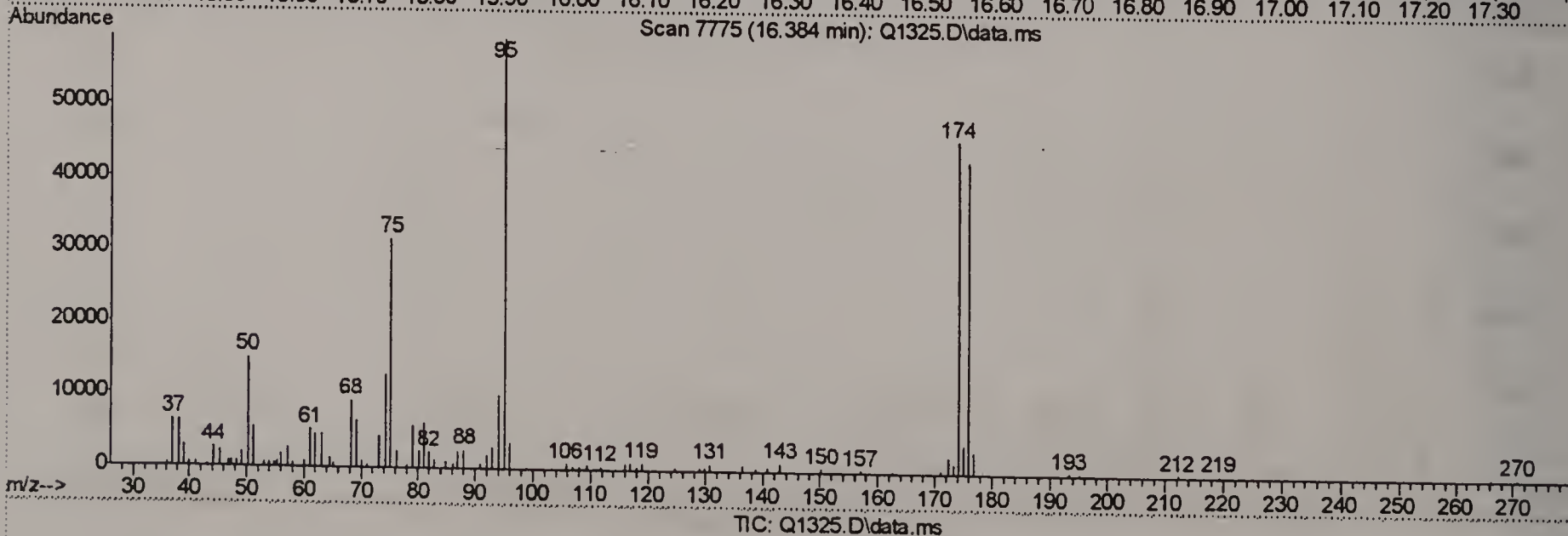
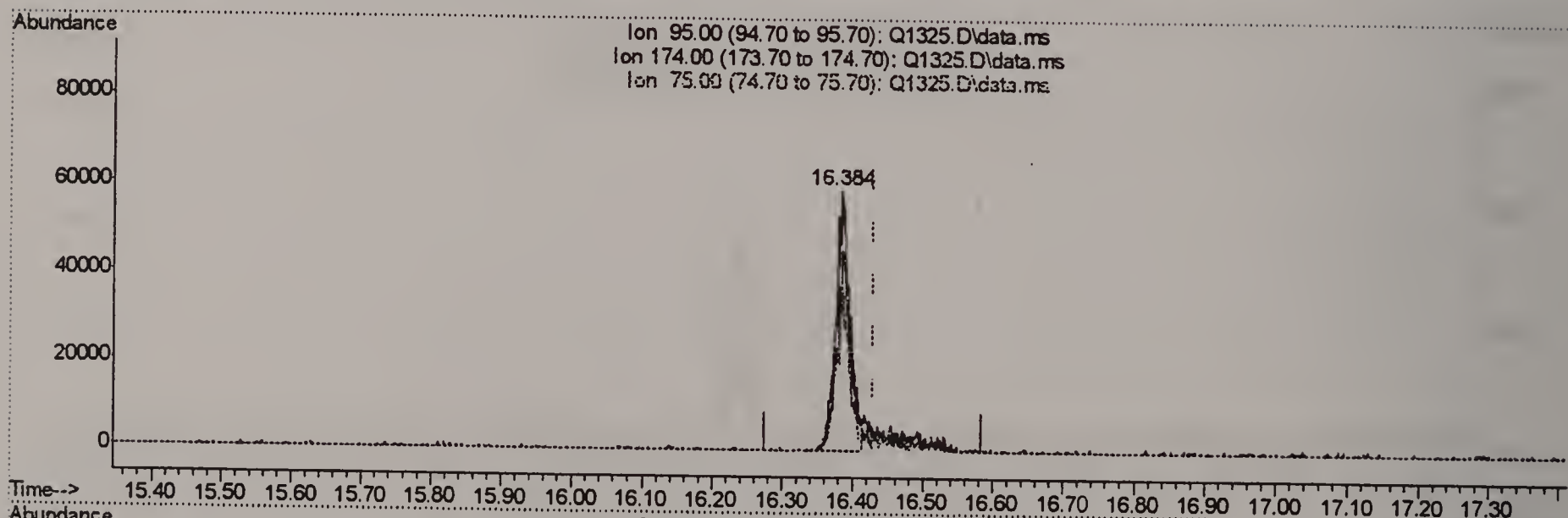
response 11002

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	46.86
49.00	200.70	193.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



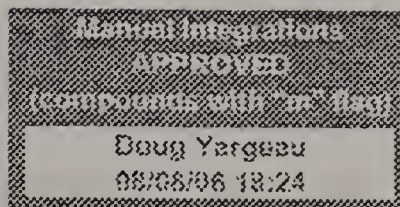
(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 2.80PPBV

response 86832

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	77.64
75.00	52.30	59.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	10.42	PPBV	87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

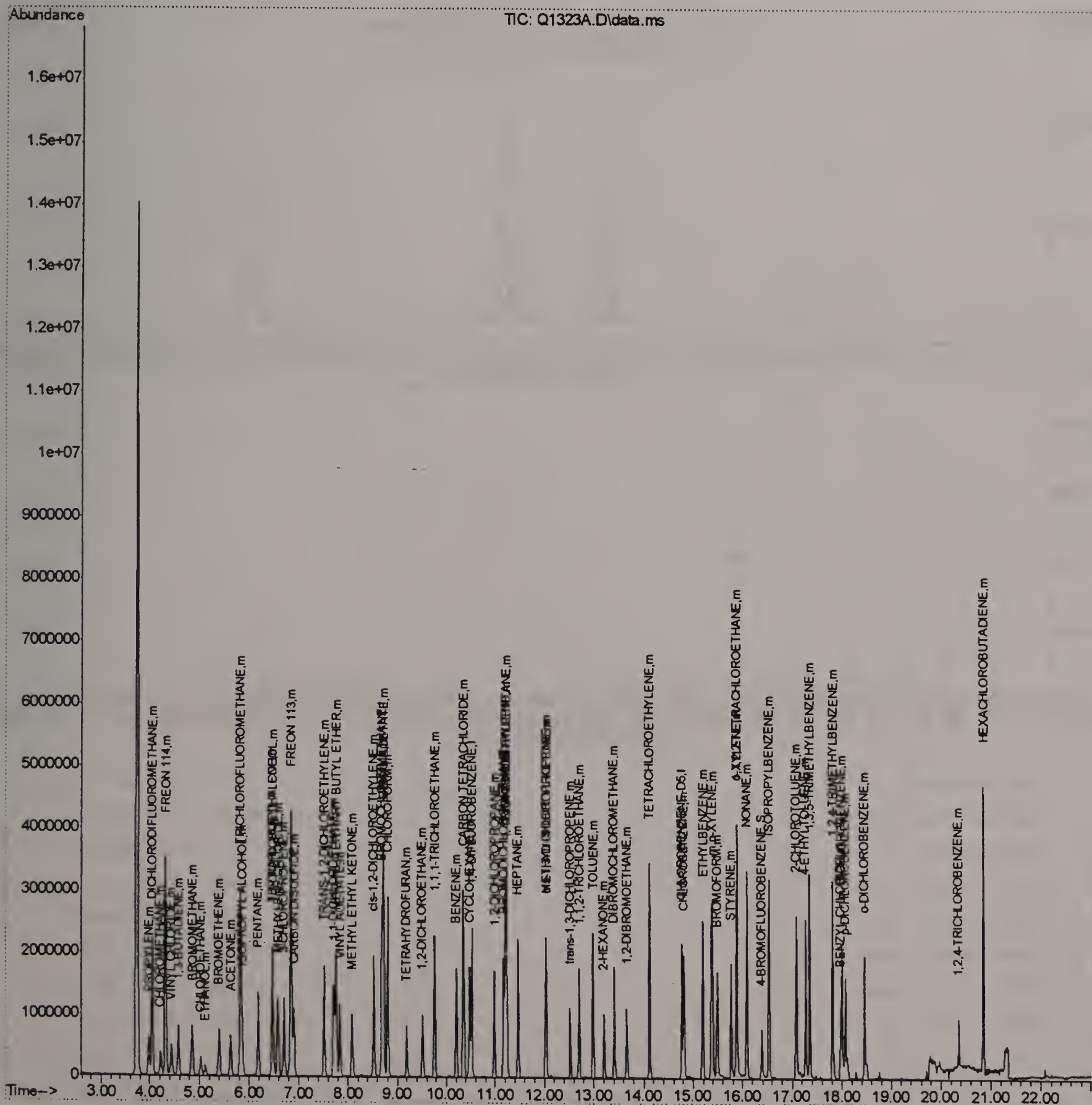
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1166591m	24.23	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1323A.D  
Acq On    : 8 Aug 2006    9:03 am  
Operator   : PhilipB  
Sample     : BS (D011)  
Misc       : MS11934,MSQ69,,,,,1  
ALS Vial   : 3    Sample Multiplier: 1
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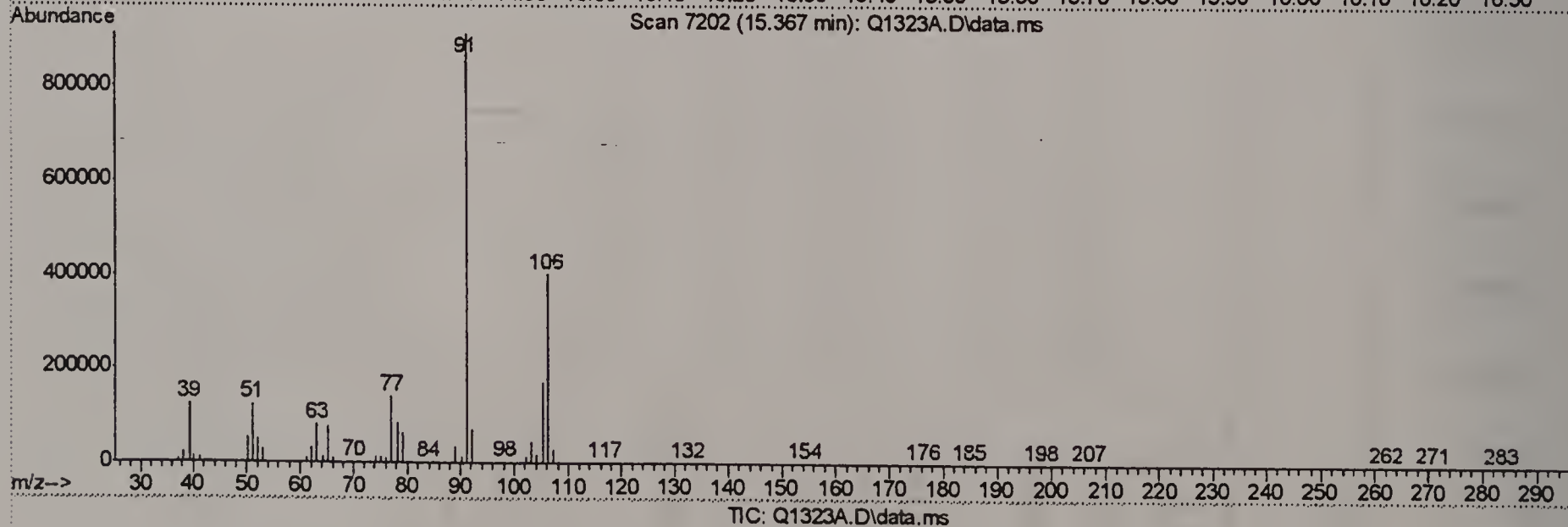
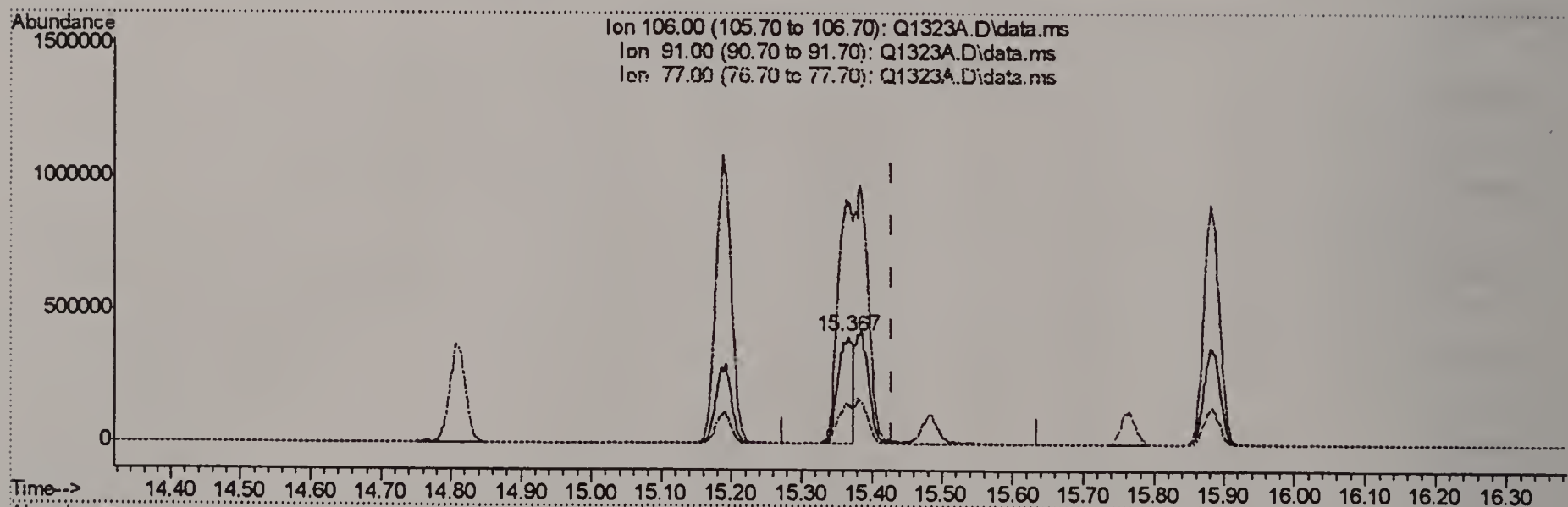
Quant Time: Aug 08 09:31:33 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

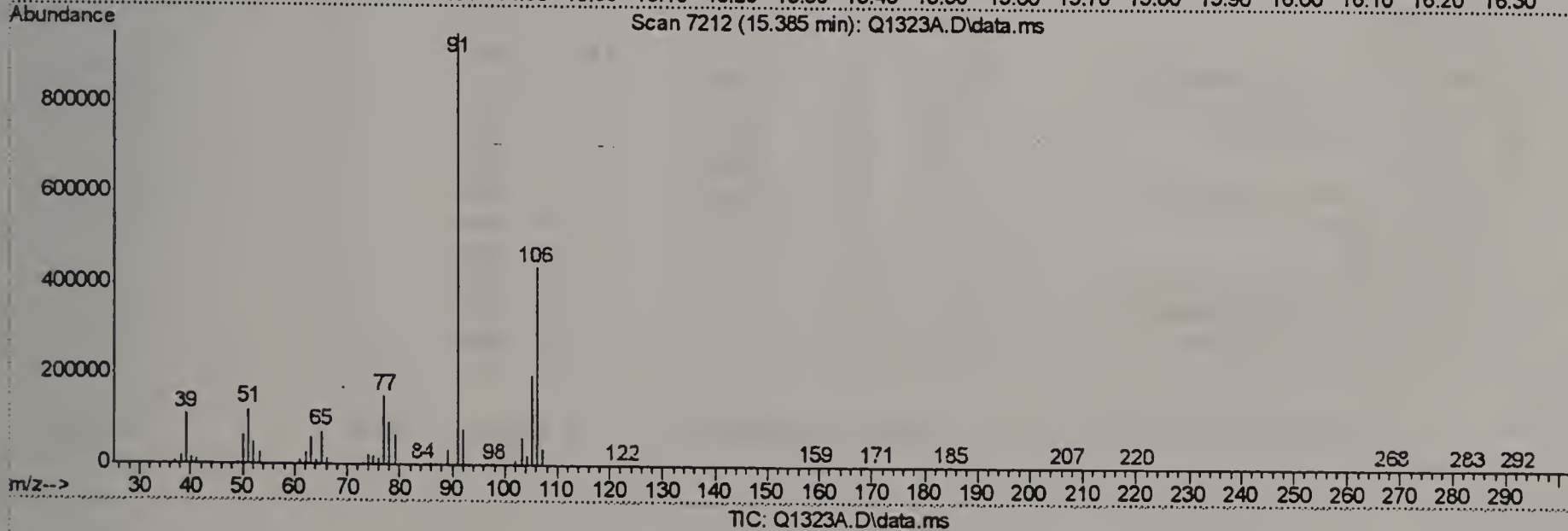
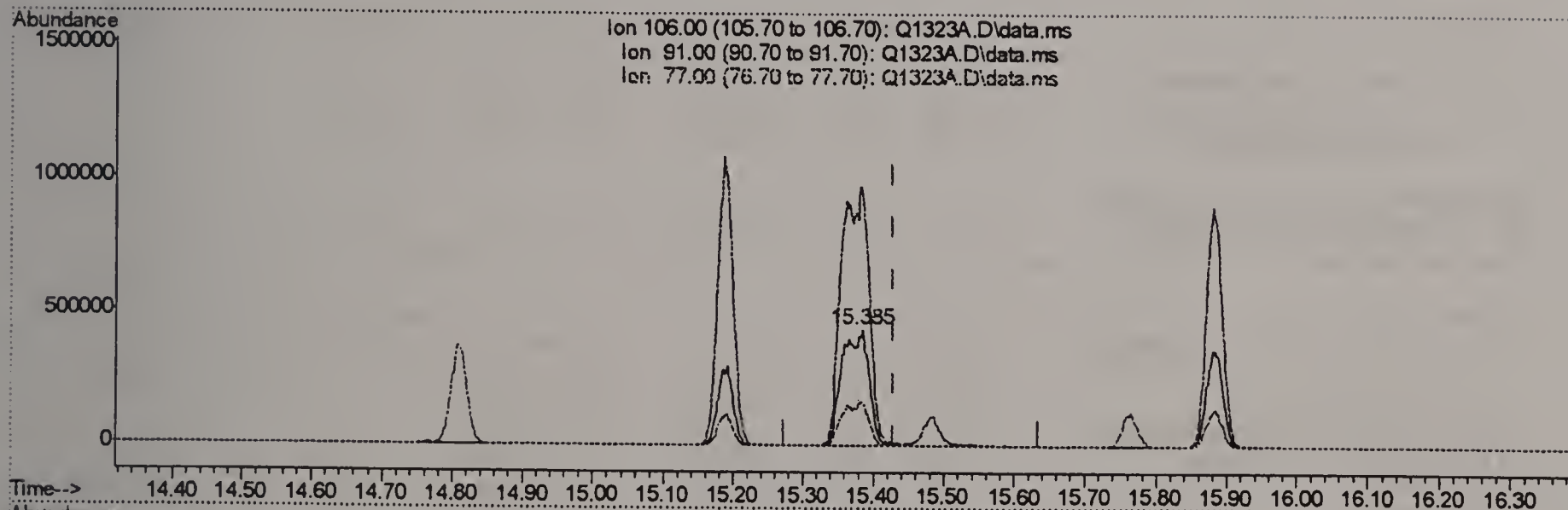
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



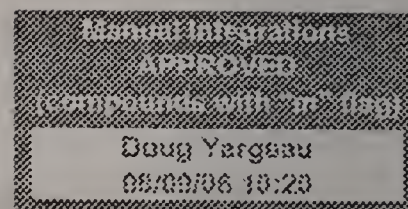
(56) m,p-XYLENE (m)

15.385min (-0.044) 24.23PPBV m

response 1166591

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:18:45 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.683	128	442111	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	998713	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	596011	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.382	95	100561m	3.36	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	67.20%

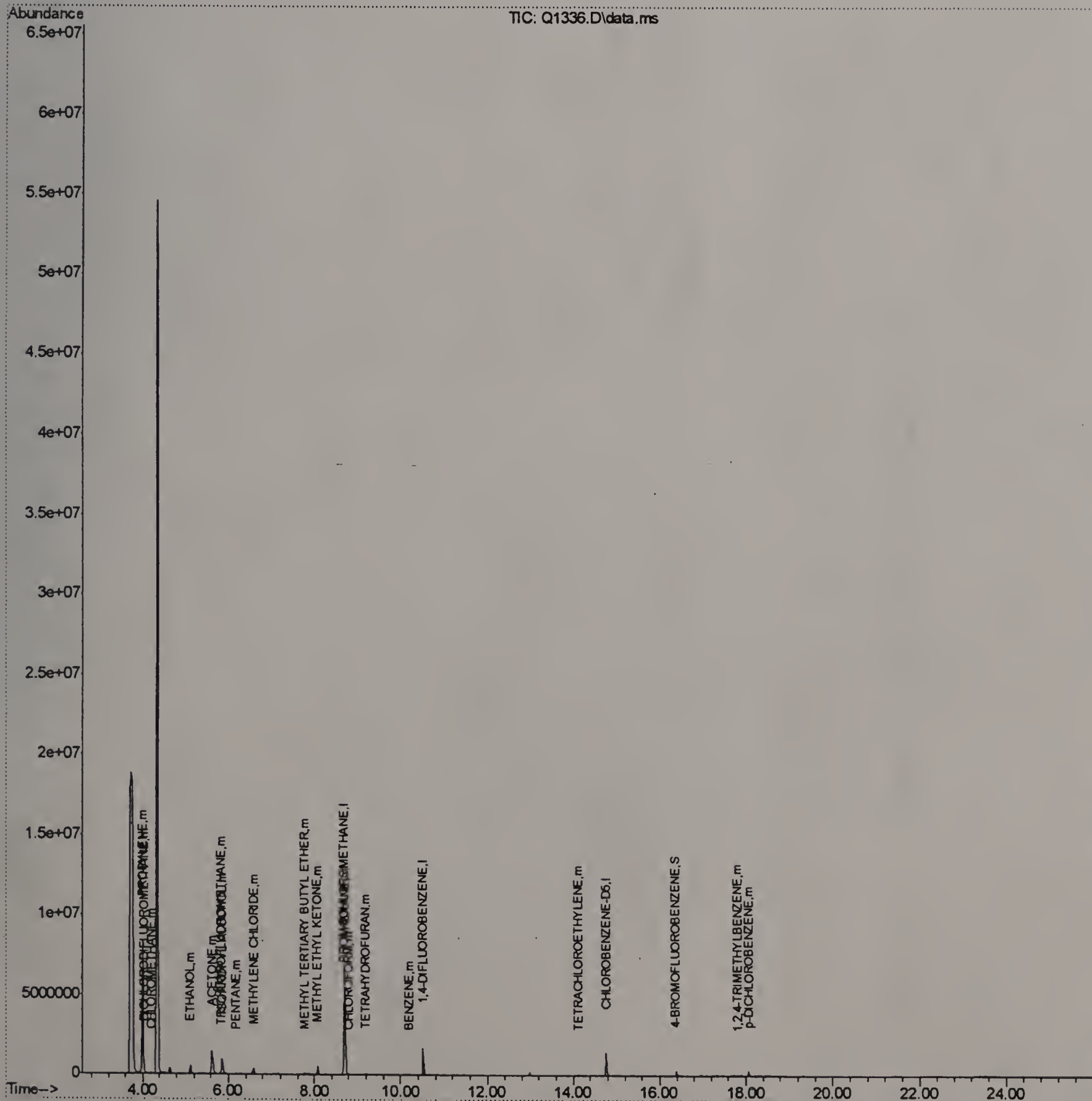
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	121463	0.66	PPBV	98
3) PROPYLENE	3.998	41	2337110	78.97	PPBV #	17
5) CHLOROMETHANE	4.211	50	24420m	0.52	PPBV	
10) TRICHLOROFLUOROMETHANE	5.824	101	62303	0.28	PPBV	95
11) ISOPROPYL ALCOHOL	5.854	45	1231329	23.14	PPBV	83
12) ACETONE	5.622	43	2413418	31.91	PPBV	88
13) PENTANE	6.186	42	23192	0.49	PPBV #	17
16) ETHANOL	5.116	45	715706	44.22	PPBV	94
18) METHYLENE CHLORIDE	6.577	84	151681	2.87	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.760	73	52220	0.43	PPBV	88
24) TETRAHYDROFURAN	9.191	42	56364	2.04	PPBV	83
25) HEXANE	8.719	57	33824	0.44	PPBV #	1
28) METHYL ETHYL KETONE	8.073	43	684128	7.12	PPBV	94
31) CHLOROFORM	8.806	83	30005	0.22	PPBV	92
36) BENZENE	10.204	78	18933	0.22	PPBV	94
51) TETRACHLOROETHYLENE	14.114	164	15504m	0.50	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	11942	0.35	PPBV	88
70) p-DICHLOROBENZENE	18.070	146	117876	3.31	PPBV	86

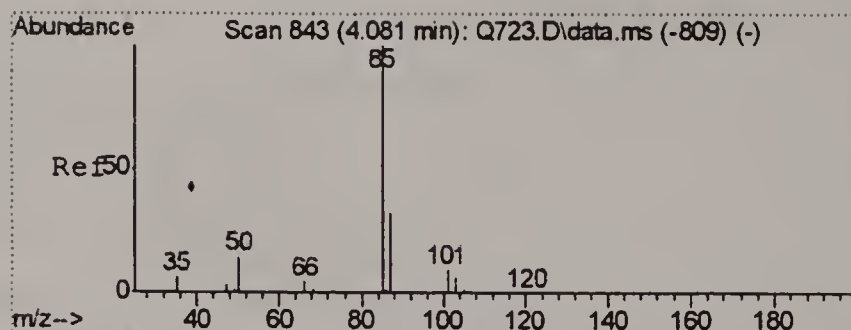
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

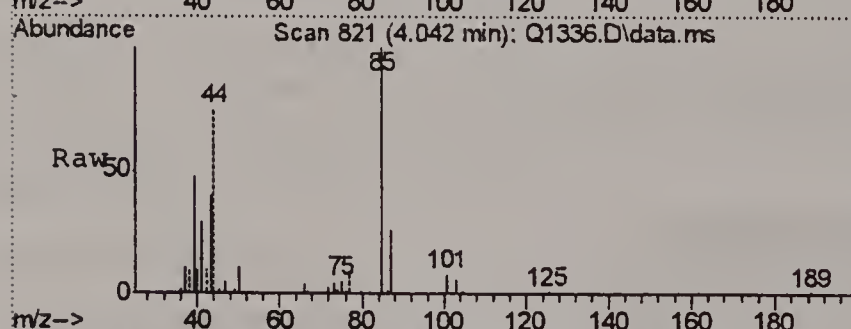
Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:18:45 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration

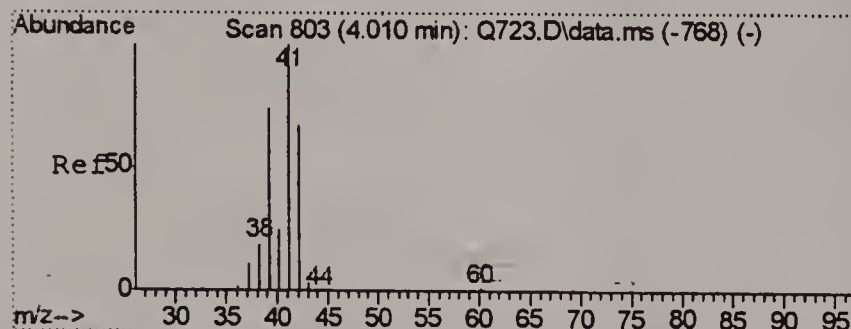
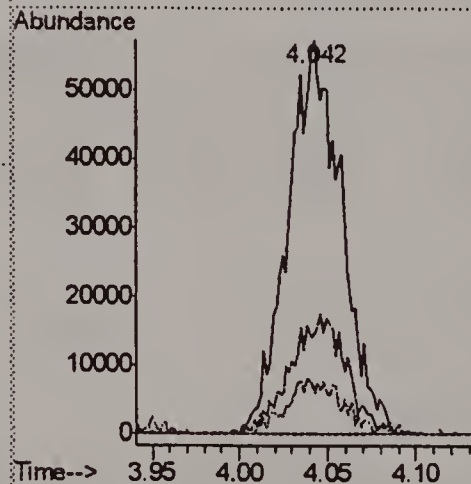
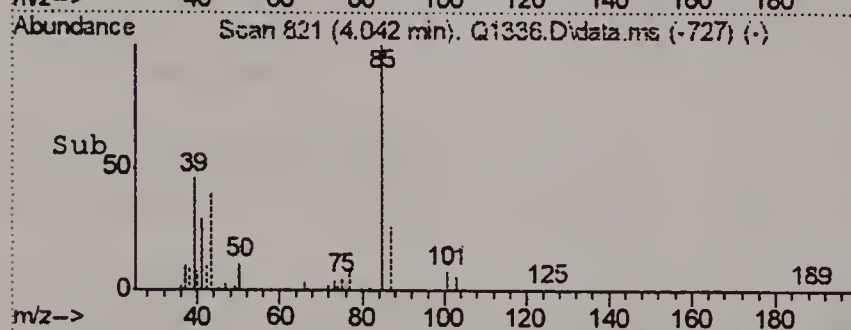




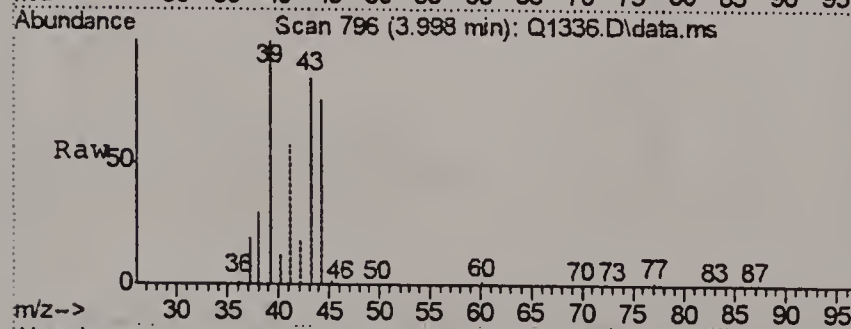
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.66 PPBV
 RT: 4.042 min Scan# 821
 Delta R.T. -0.039 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm



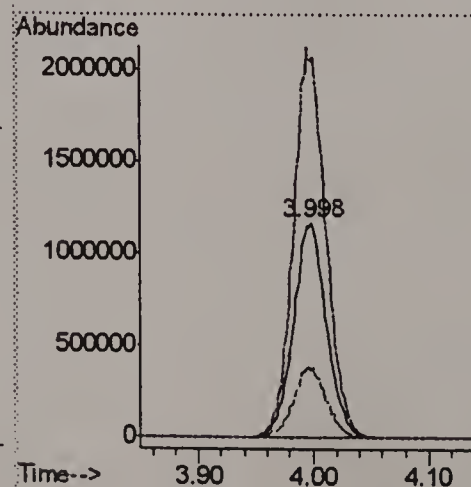
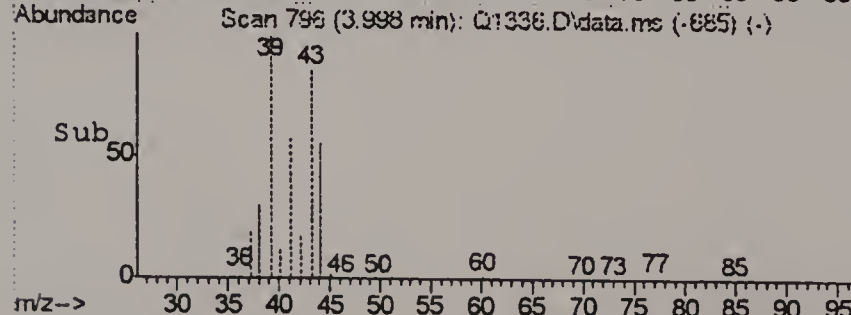
Tgt Ion: 85 Resp: 121463
 Ion Ratio Lower Upper
 85 100
 87 31.3 11.9 51.9
 50 13.6 0.0 35.5

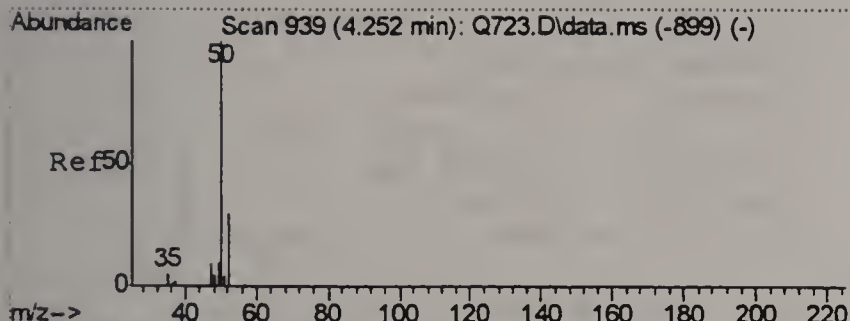


#3
 PROPYLENE
 Concen: 78.97 PPBV
 RT: 3.998 min Scan# 796
 Delta R.T. -0.009 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

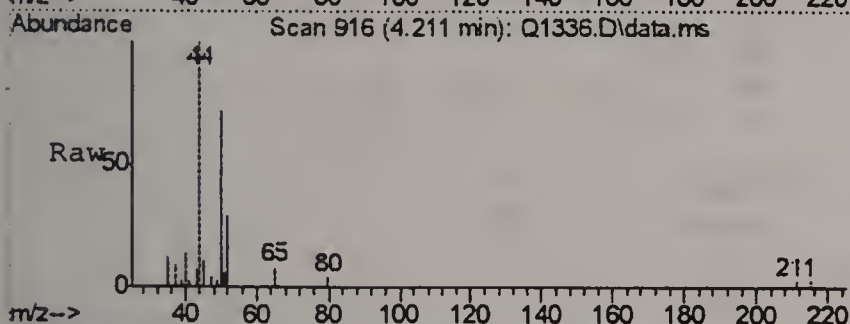


Tgt Ion: 41 Resp: 2337110
 Ion Ratio Lower Upper
 41 100
 39 175.4 55.3 95.3#
 42 32.0 46.8 86.8#

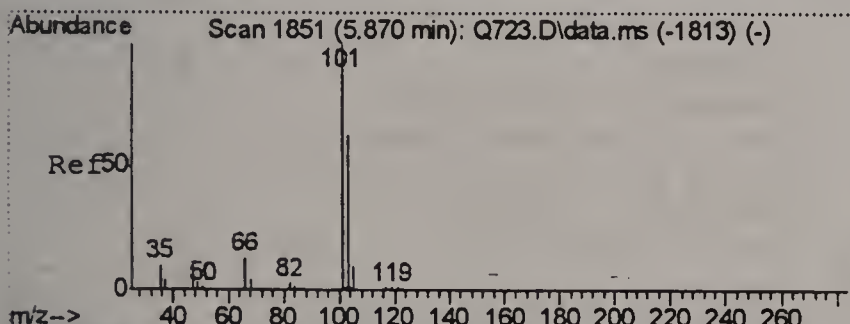
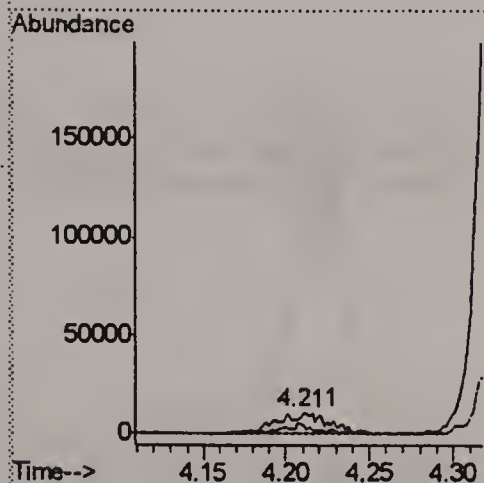
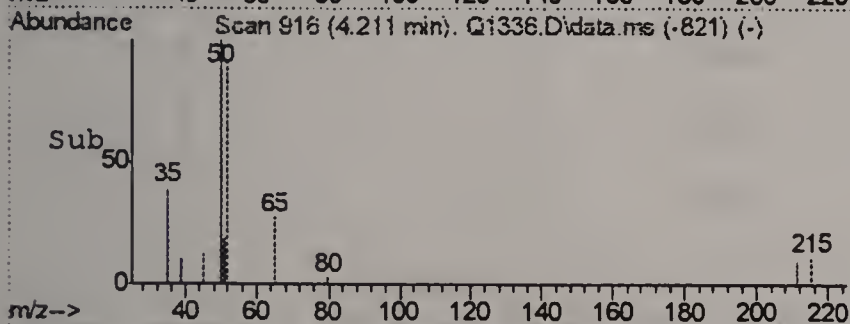




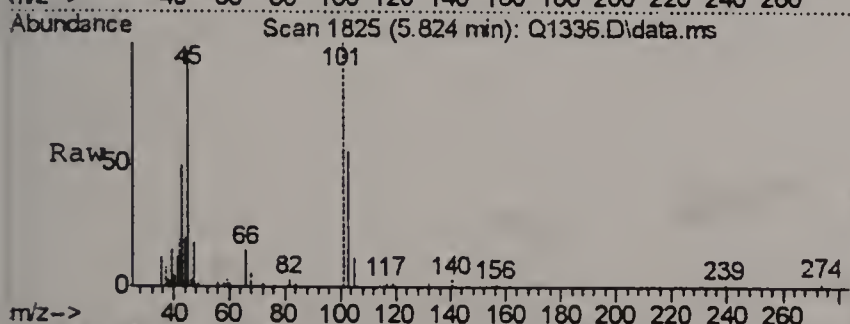
#5
 CHLOROMETHANE
 Concen: 0.52 PPBV m
 RT: 4.211 min Scan# 916
 Delta R.T. -0.038 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm



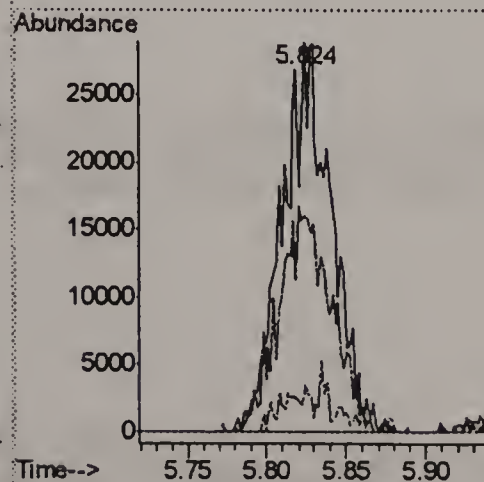
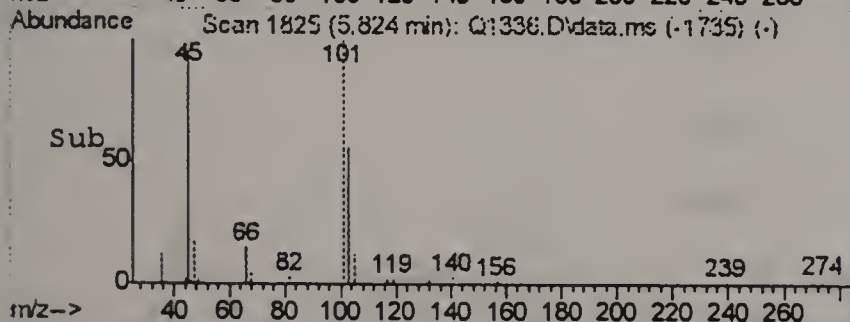
Tgt Ion: 50 Resp: 24420
 Ion Ratio Lower Upper
 50 100
 52 39.6 9.7 49.7

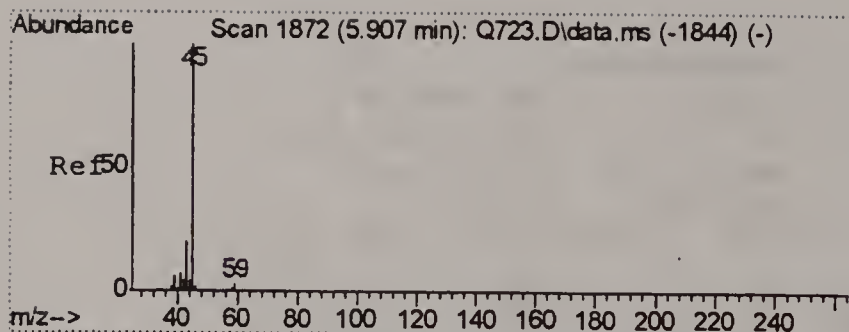


#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.28 PPBV
 RT: 5.824 min Scan# 1825
 Delta R.T. -0.046 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm



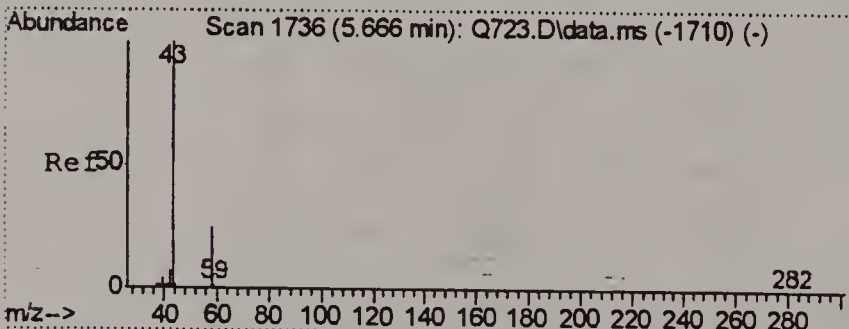
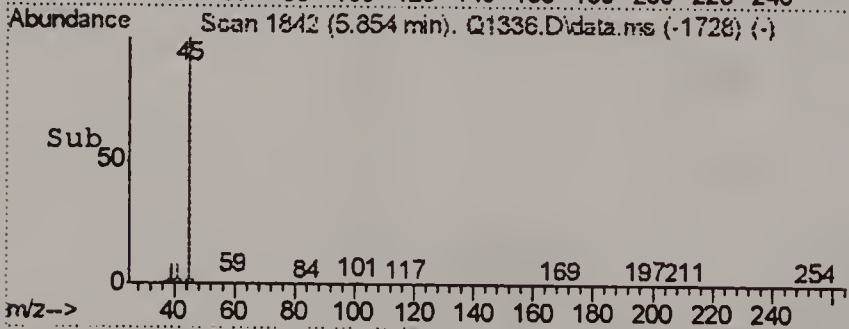
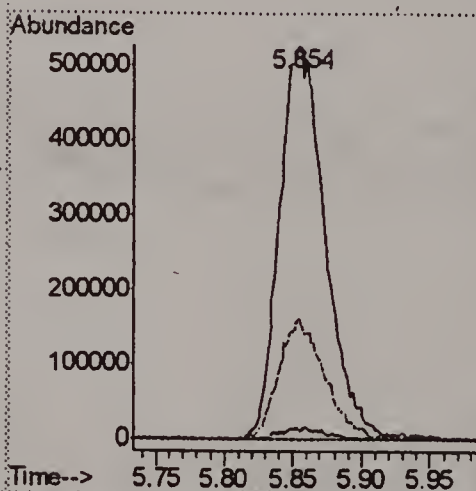
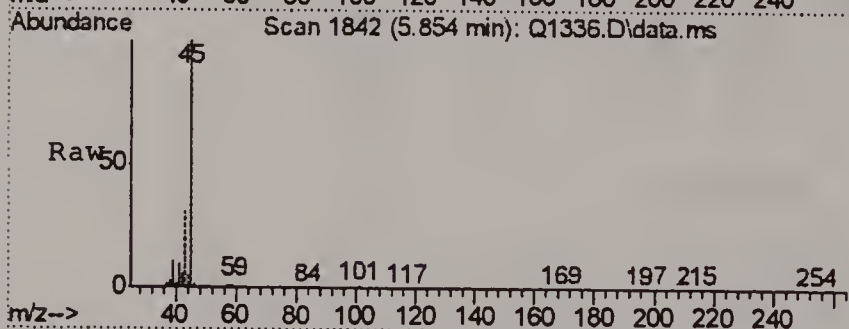
Tgt Ion: 101 Resp: 62303
 Ion Ratio Lower Upper
 101 100
 103 61.7 44.3 84.3
 105 4.6 0.0 30.4





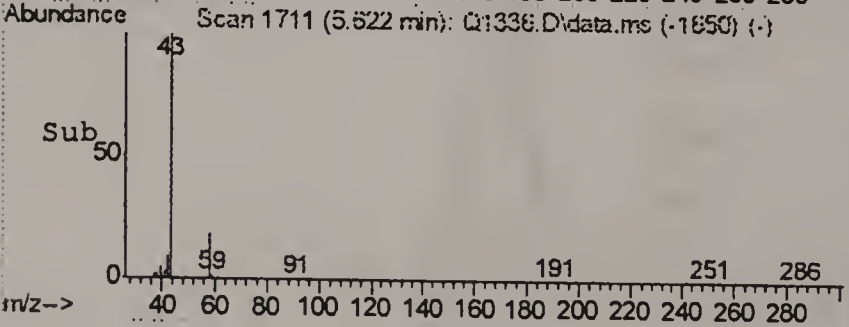
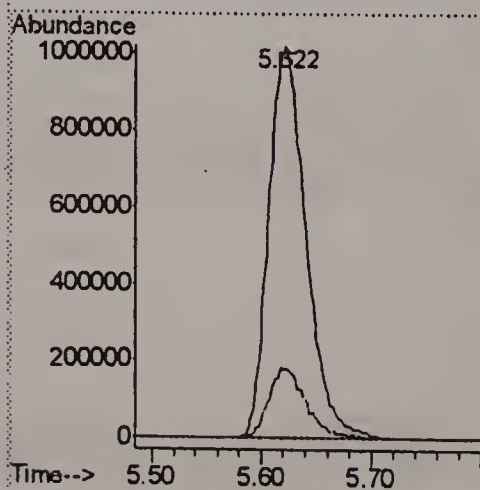
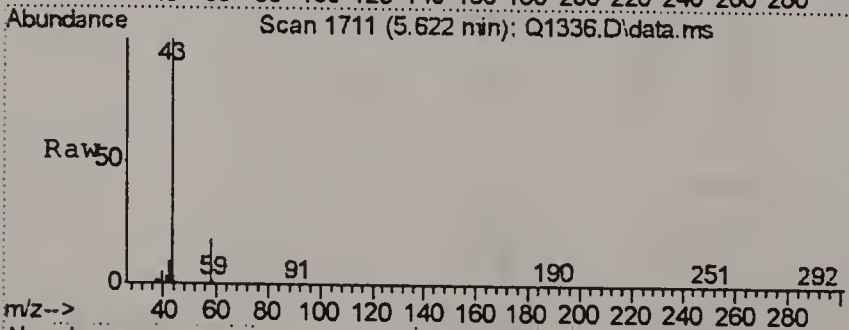
#11
ISOPROPYL ALCOHOL
Concen: 23.14 PPBV
RT: 5.854 min Scan# 1842
Delta R.T. -0.056 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

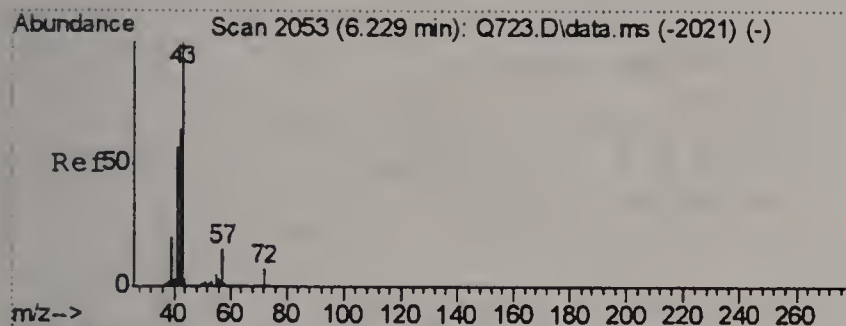
Tgt Ion: 45 Resp: 1231329
Ion Ratio Lower Upper
45 100
59 2.3 0.0 23.5
43 30.6 1.6 41.6



#12
ACETONE
Concen: 31.91 PPBV
RT: 5.622 min Scan# 1711
Delta R.T. -0.047 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

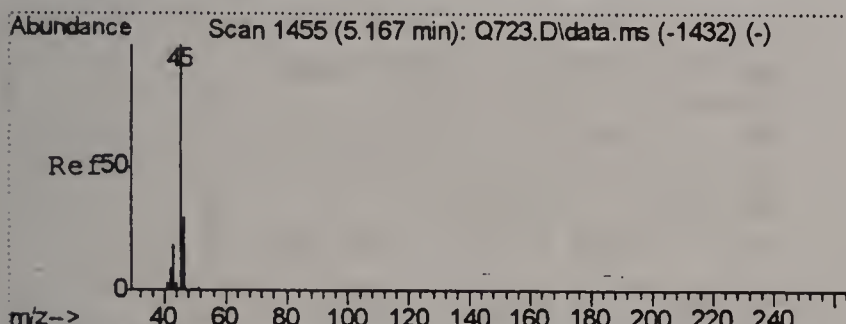
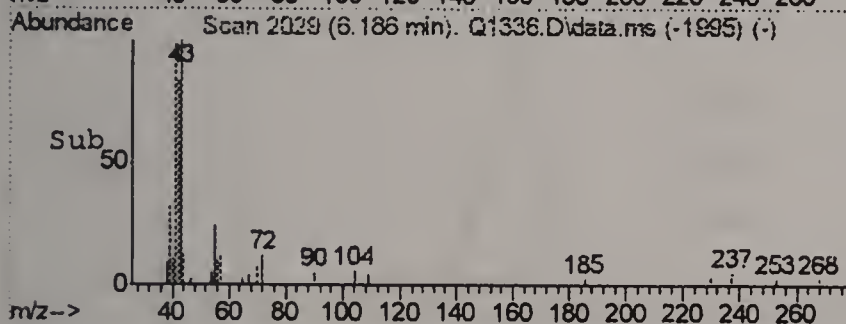
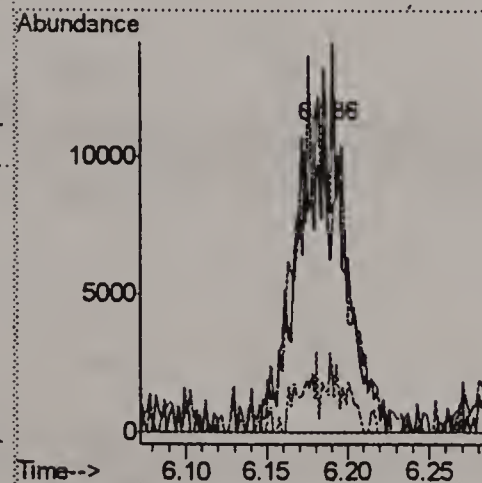
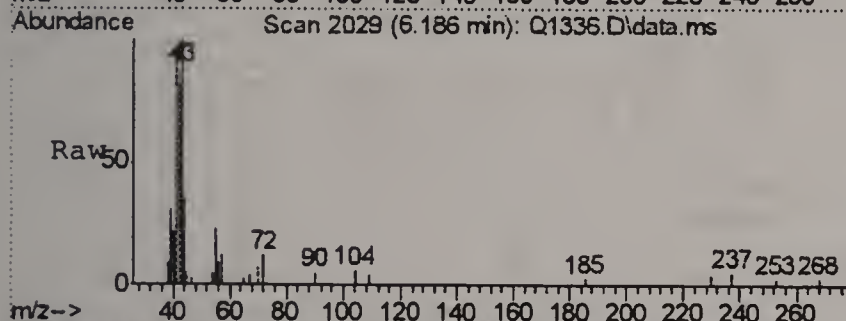
Tgt Ion: 43 Resp: 2413418
Ion Ratio Lower Upper
43 100
58 18.3 4.1 44.1





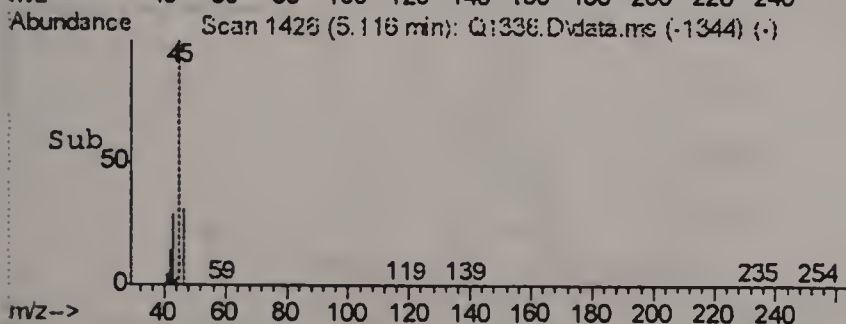
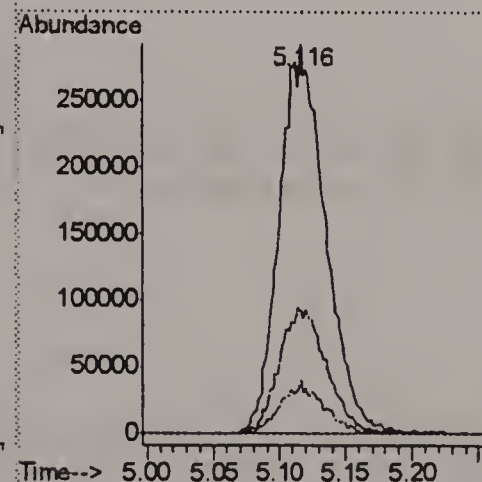
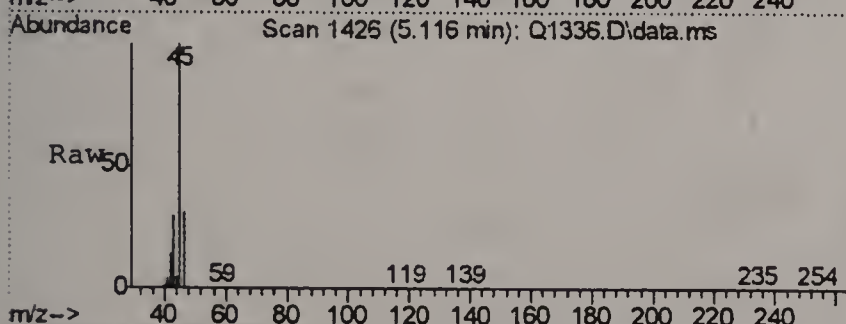
#13
PENTANE
Concen: 0.49 PPBV
RT: 6.186 min Scan# 2029
Delta R.T. -0.042 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

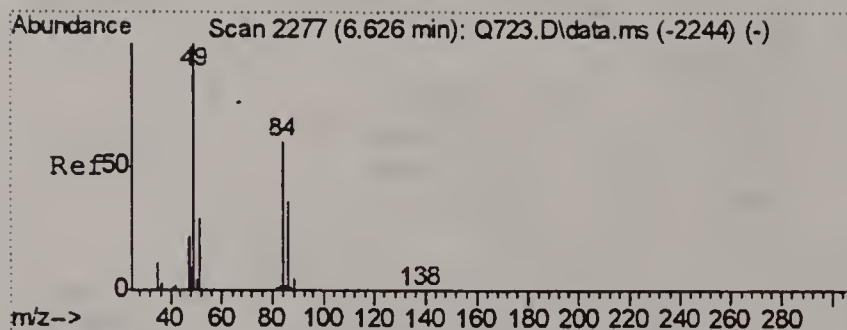
Tgt Ion: 42 Resp: 23192
Ion Ratio Lower Upper
42 100
41 0.0 72.2 112.2#
57 9.7 1.9 41.9



#16
ETHANOL
Concen: 44.22 PPBV
RT: 5.116 min Scan# 1426
Delta R.T. -0.060 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

Tgt Ion: 45 Resp: 715706
Ion Ratio Lower Upper
45 100
46 33.4 16.4 56.4
42 12.7 0.0 28.8

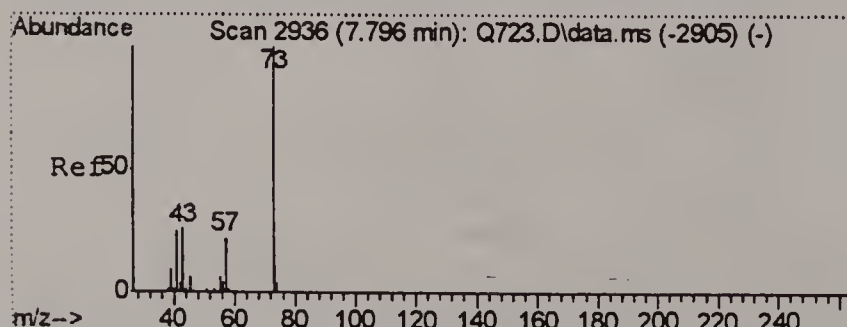
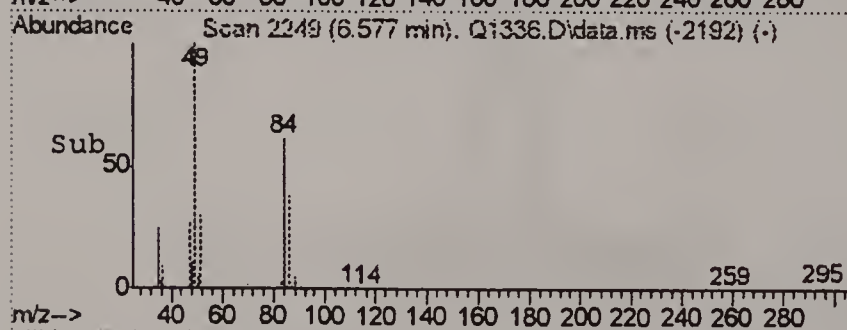
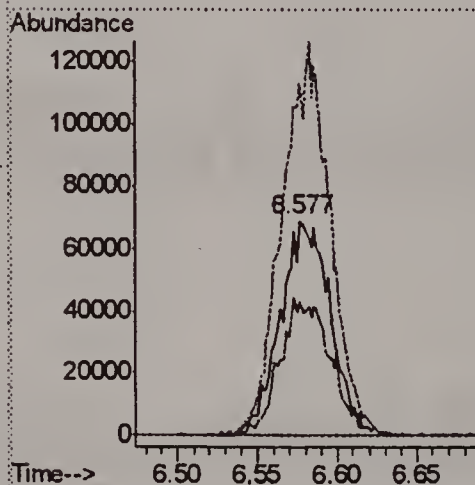
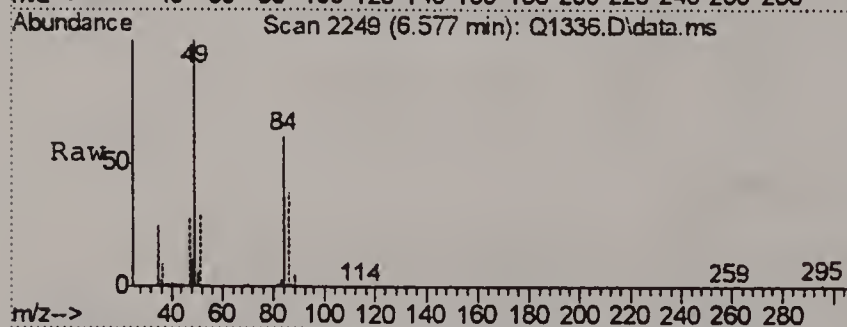




#18
 METHYLENE CHLORIDE
 Concen: 2.87 PPBV
 RT: 6.577 min Scan# 2249
 Delta R.T. -0.049 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

Tgt Ion: 84 Resp: 151681

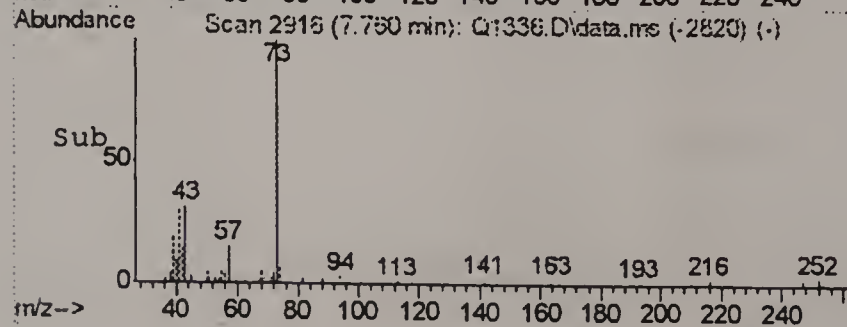
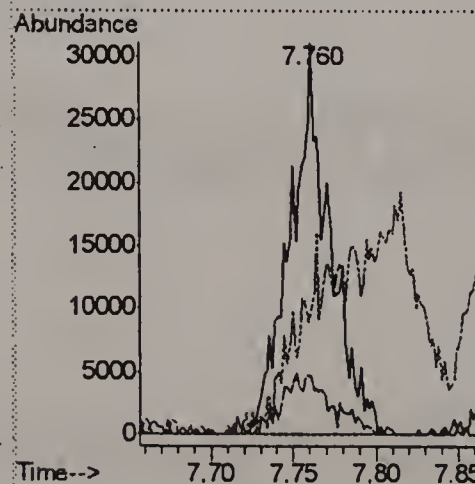
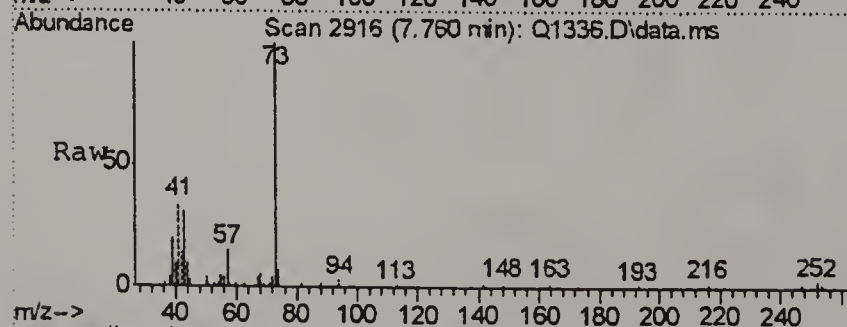
Ion	Ratio	Lower	Upper
84	100		
86	64.6	44.6	84.6
49	174.2	0.7	400.7

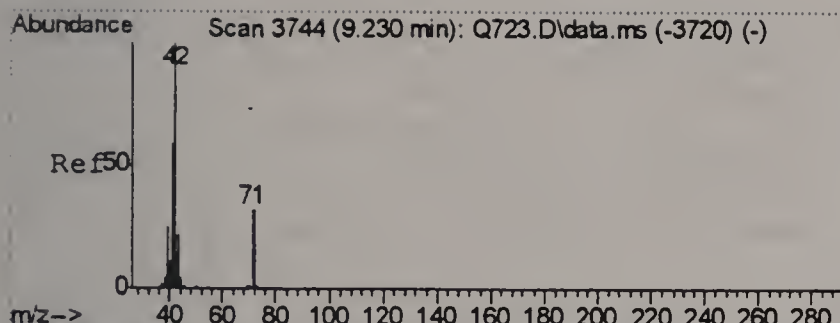


#23
 METHYL TERTIARY BUTYL ETHER
 Concen: 0.43 PPBV
 RT: 7.760 min Scan# 2916
 Delta R.T. -0.035 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

Tgt Ion: 73 Resp: 52220

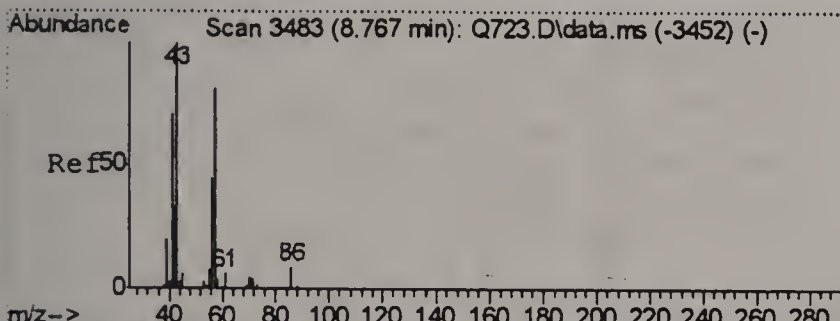
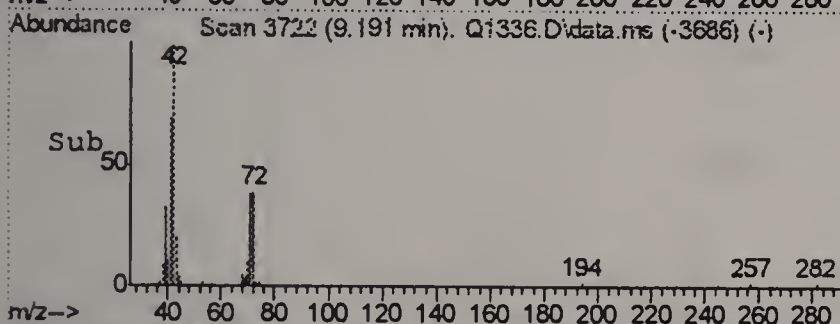
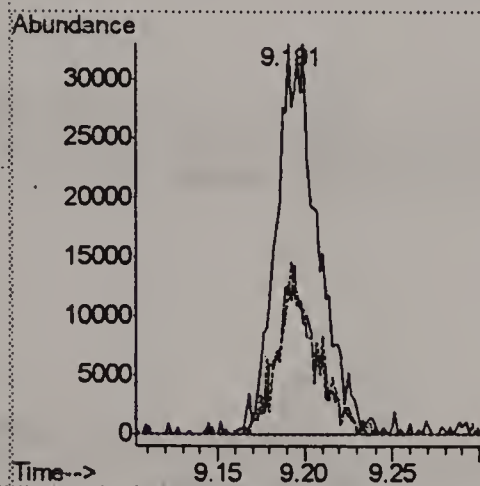
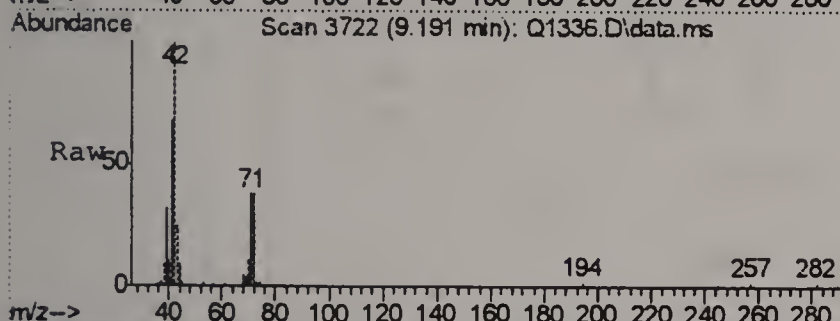
Ion	Ratio	Lower	Upper
73	100		
57	19.2	4.1	44.1
43	36.3	9.0	49.0





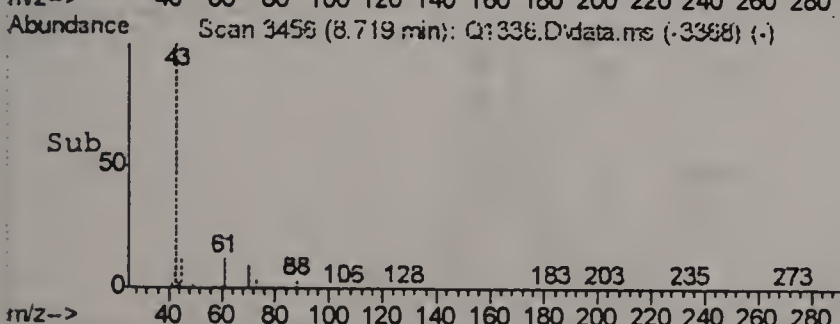
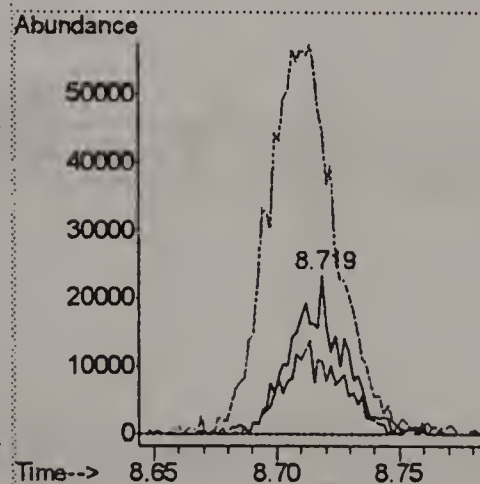
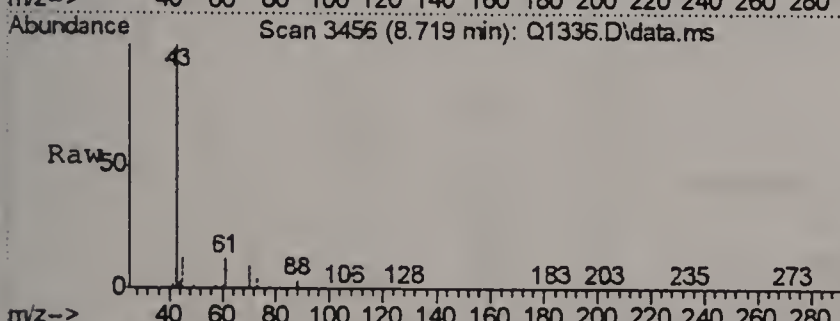
#24
TETRAHYDROFURAN
Concen: 2.04 PPBV
RT: 9.191 min Scan# 3722
Delta R.T. -0.039 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

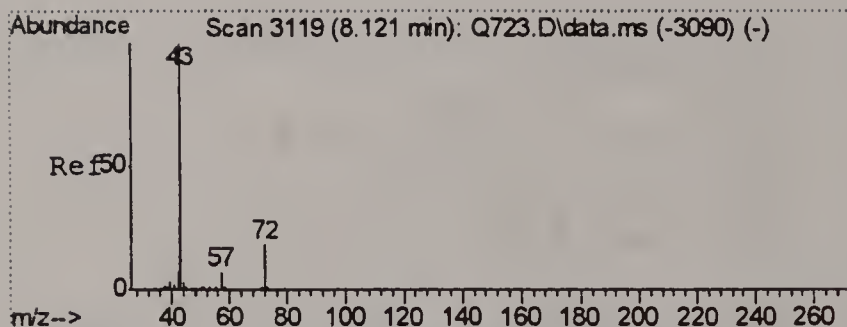
Tgt Ion	Resp	Lower	Upper
42	100		
72	37.7	9.7	49.7
71	38.4	8.6	48.6



#25
HEXANE
Concen: 0.44 PPBV
RT: 8.719 min Scan# 3456
Delta R.T. -0.049 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

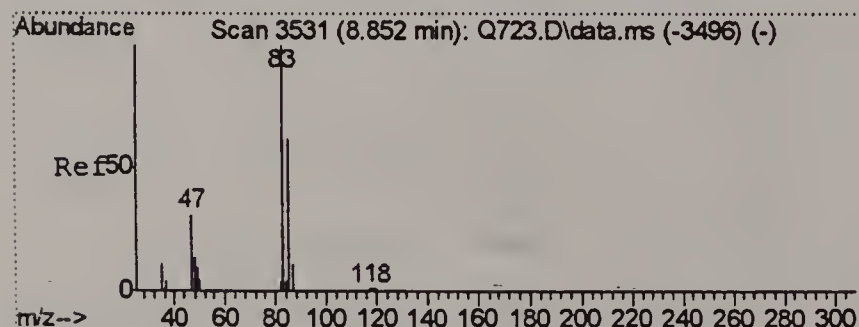
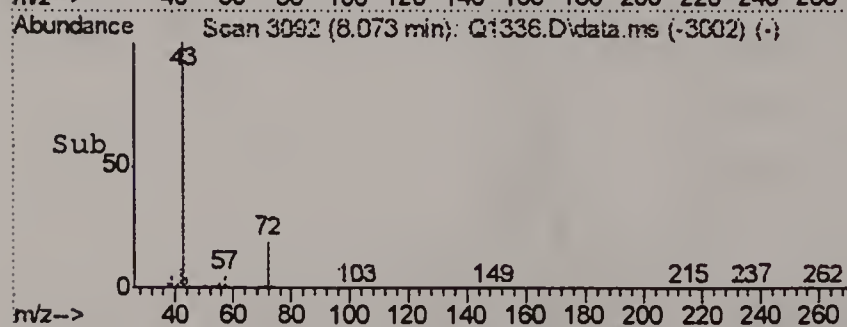
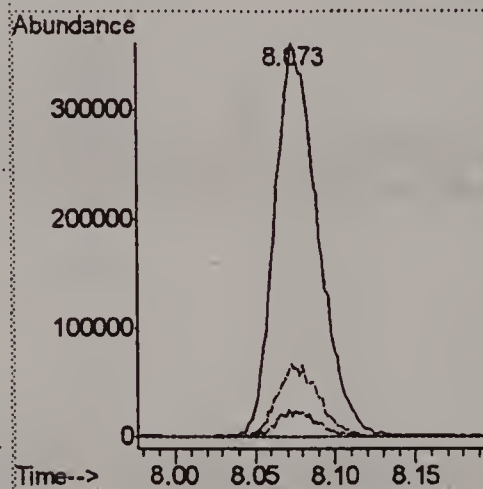
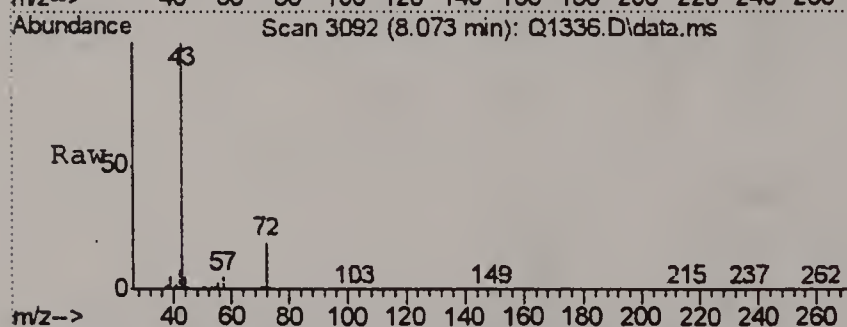
Tgt Ion	Resp	Lower	Upper
57	100		
56	36.2	35.6	75.6
41	326.6	71.4	111.4





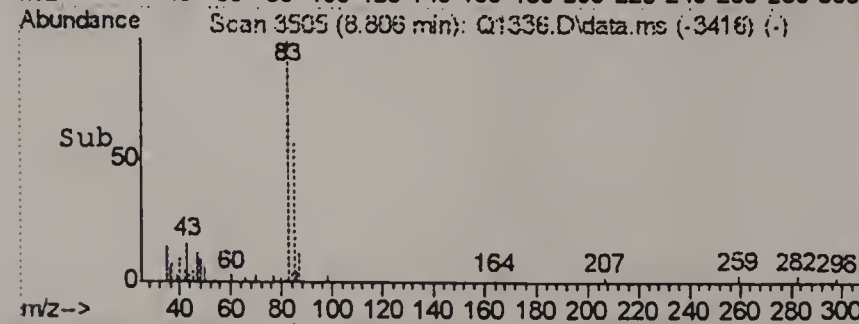
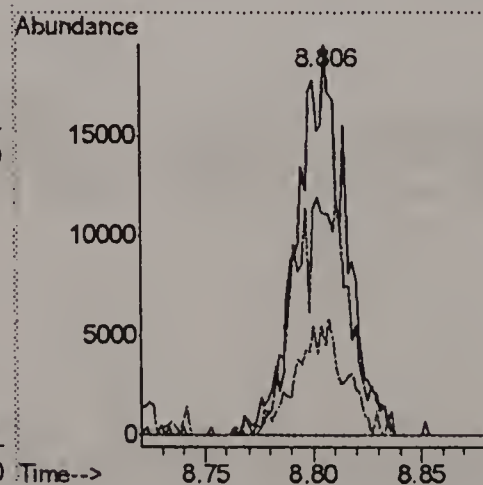
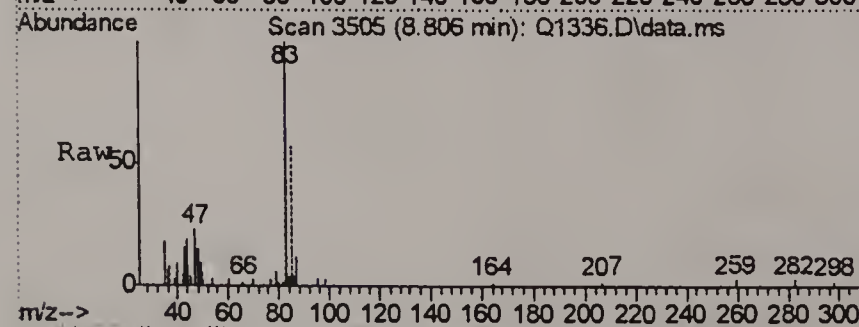
#28
METHYL ETHYL KETONE
Concen: 7.12 PPBV
RT: 8.073 min Scan# 3092
Delta R.T. -0.046 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

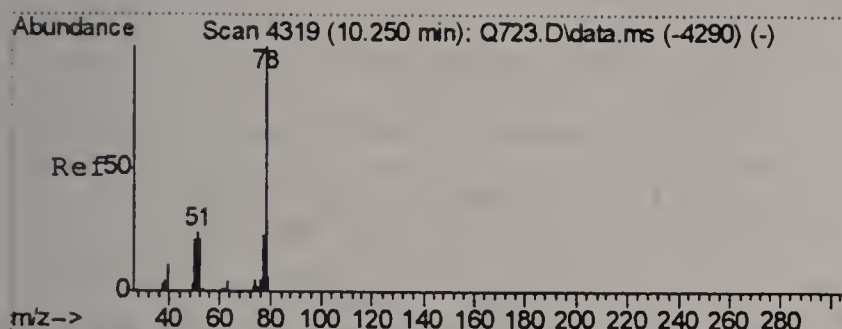
Tgt Ion: 43 Resp: 684128
Ion Ratio Lower Upper
43 100
57 5.4 0.0 26.7
72 19.0 0.0 36.0



#31
CHLOROFORM
Concen: 0.22 PPBV
RT: 8.806 min Scan# 3505
Delta R.T. -0.048 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

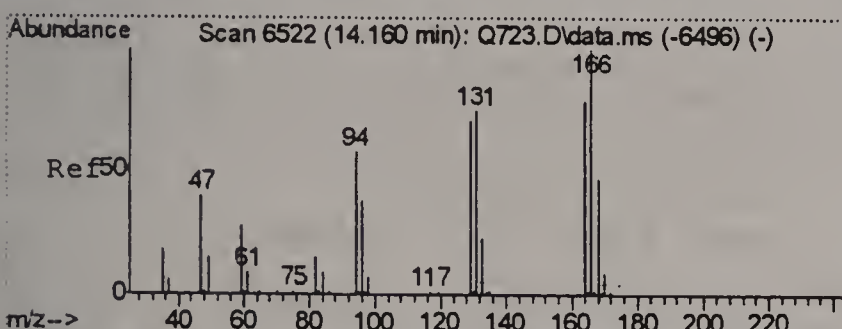
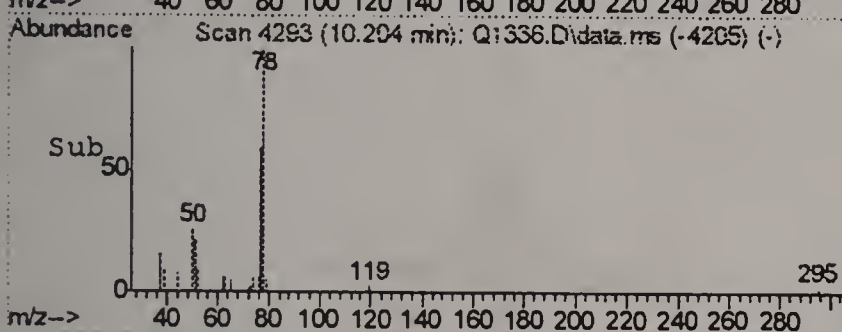
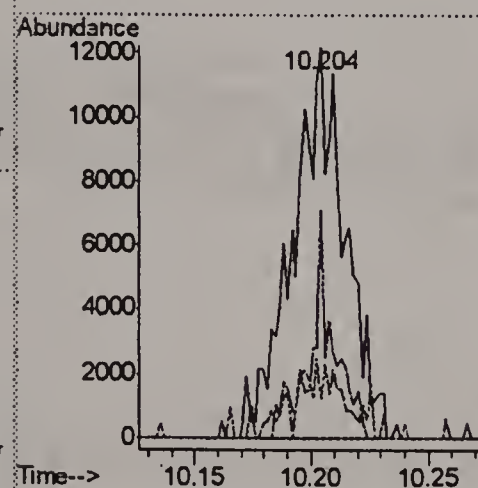
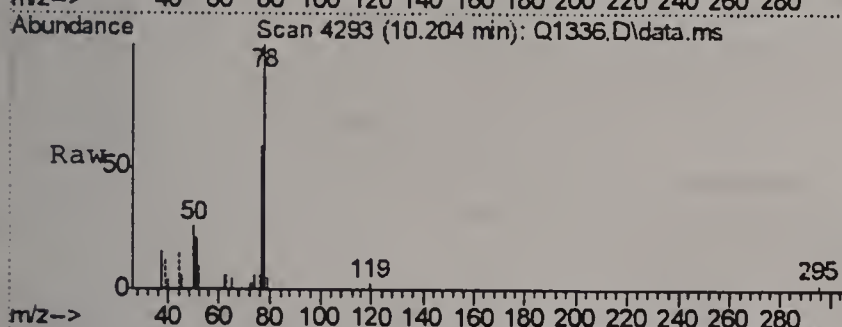
Tgt Ion: 83 Resp: 30005
Ion Ratio Lower Upper
83 100
85 72.3 44.8 84.8
47 30.1 13.7 53.7





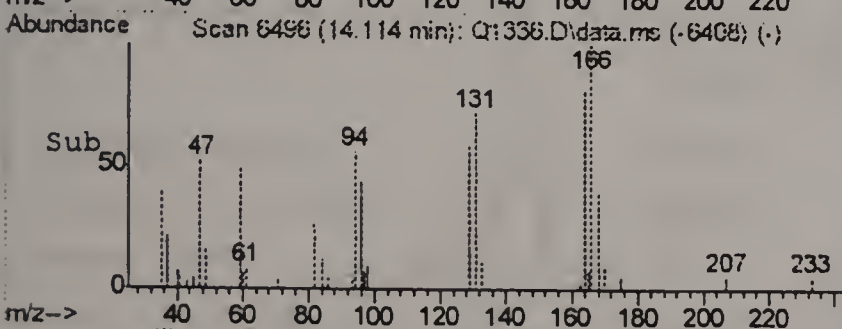
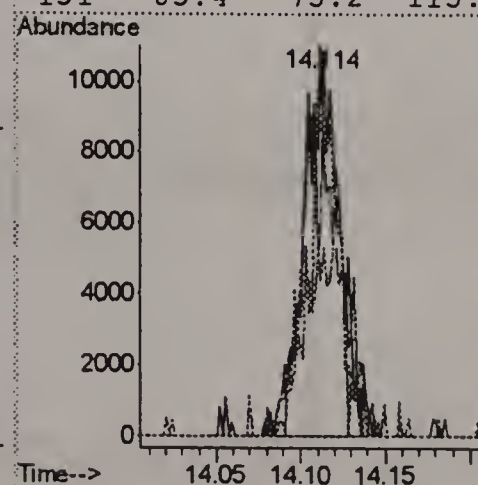
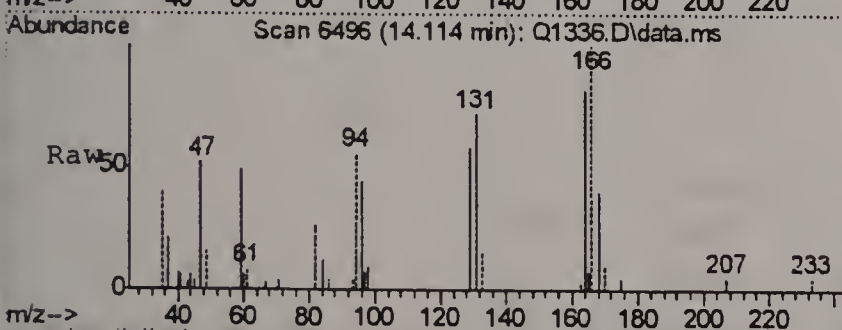
#36
BENZENE
Concen: 0.22 PPBV
RT: 10.204 min Scan# 4293
Delta R.T. -0.050 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

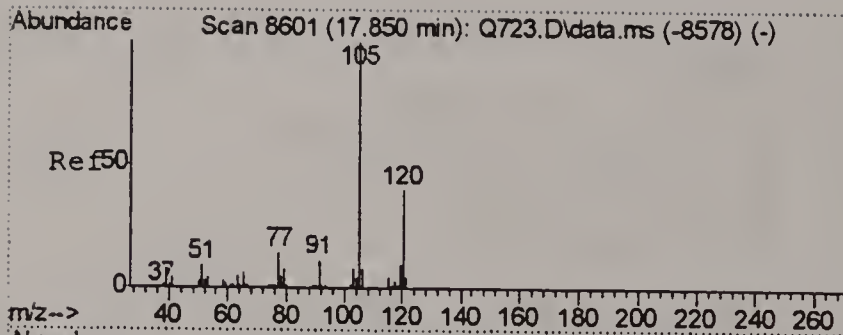
Tgt Ion: 78 Resp: 18933
Ion Ratio Lower Upper
78 100
77 25.4 3.4 43.4
52 18.5 2.0 42.0



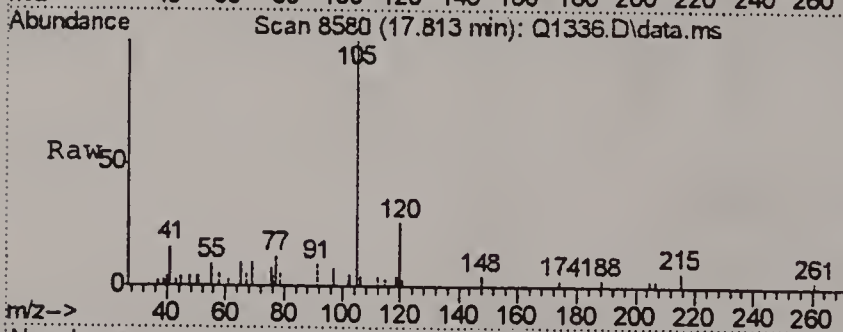
#51
TETRACHLOROETHYLENE
Concen: 0.50 PPBV m
RT: 14.114 min Scan# 6496
Delta R.T. -0.049 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

Tgt Ion: 164 Resp: 15504
Ion Ratio Lower Upper
164 100
129 97.4 75.5 115.5
168 58.1 42.7 82.7
131 83.4 75.2 115.2

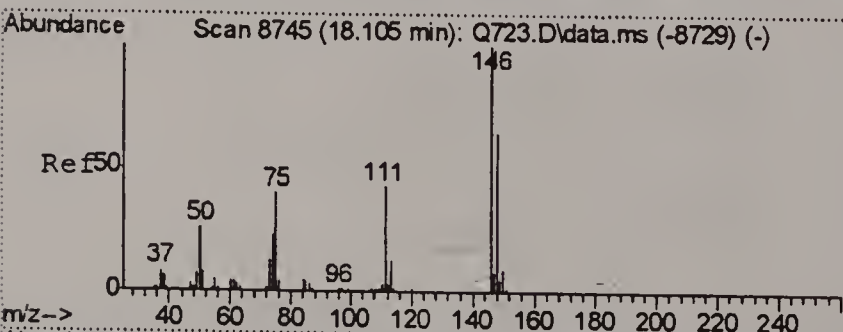
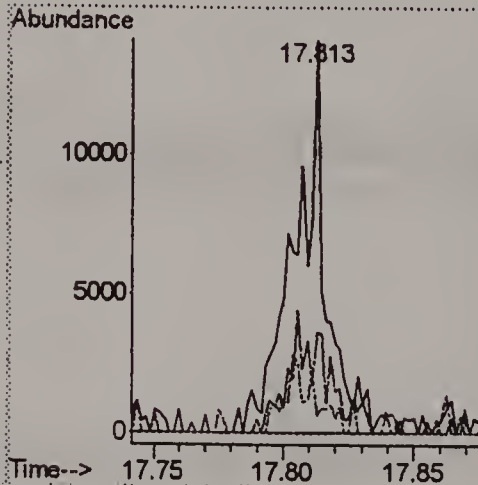
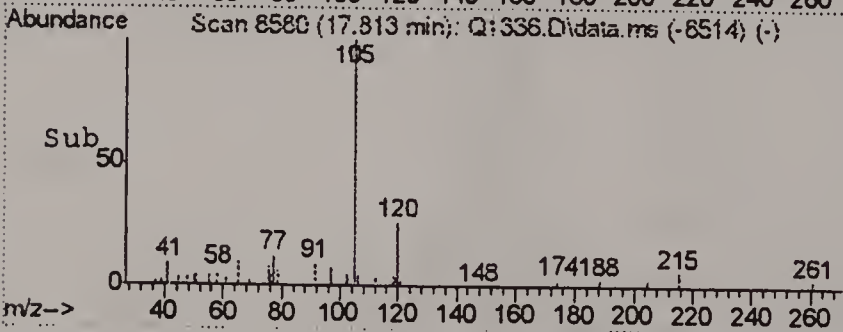




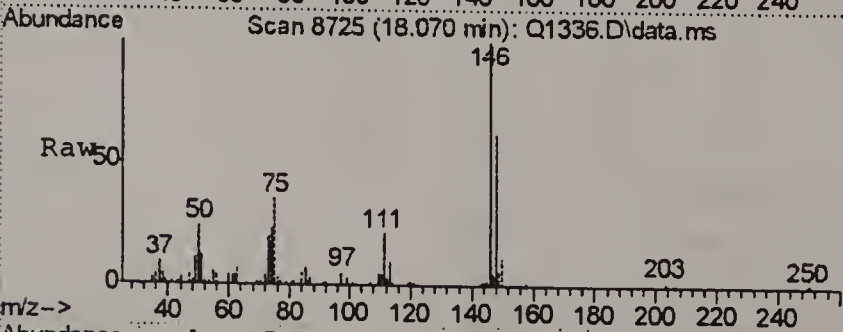
#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.35 PPBV
RT: 17.813 min Scan# 8580
Delta R.T. -0.038 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm



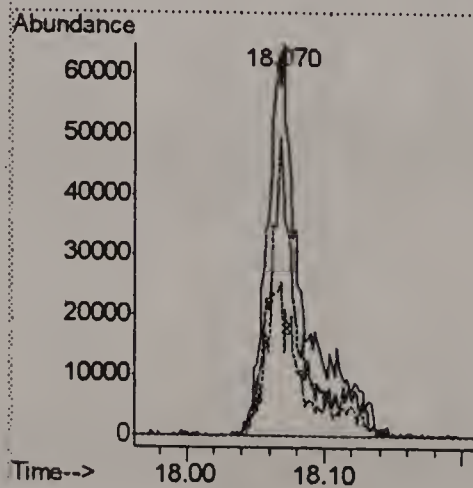
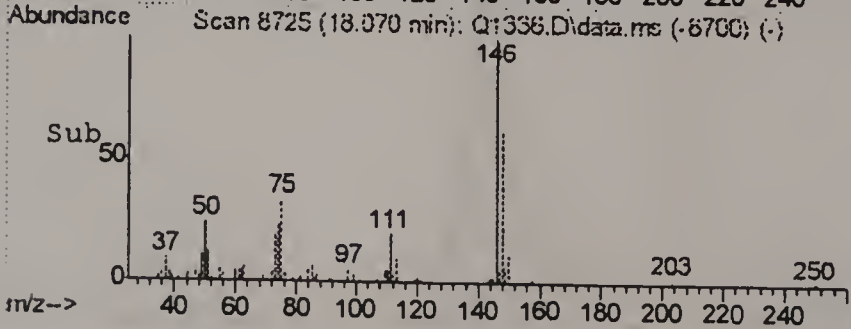
Tgt Ion:105 Resp: 11942
Ion Ratio Lower Upper
105 100
120 36.4 22.7 62.7
119 19.1 0.0 30.7



#70
p-DICHLOROBENZENE
Concen: 3.31 PPBV
RT: 18.070 min Scan# 8725
Delta R.T. -0.037 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm



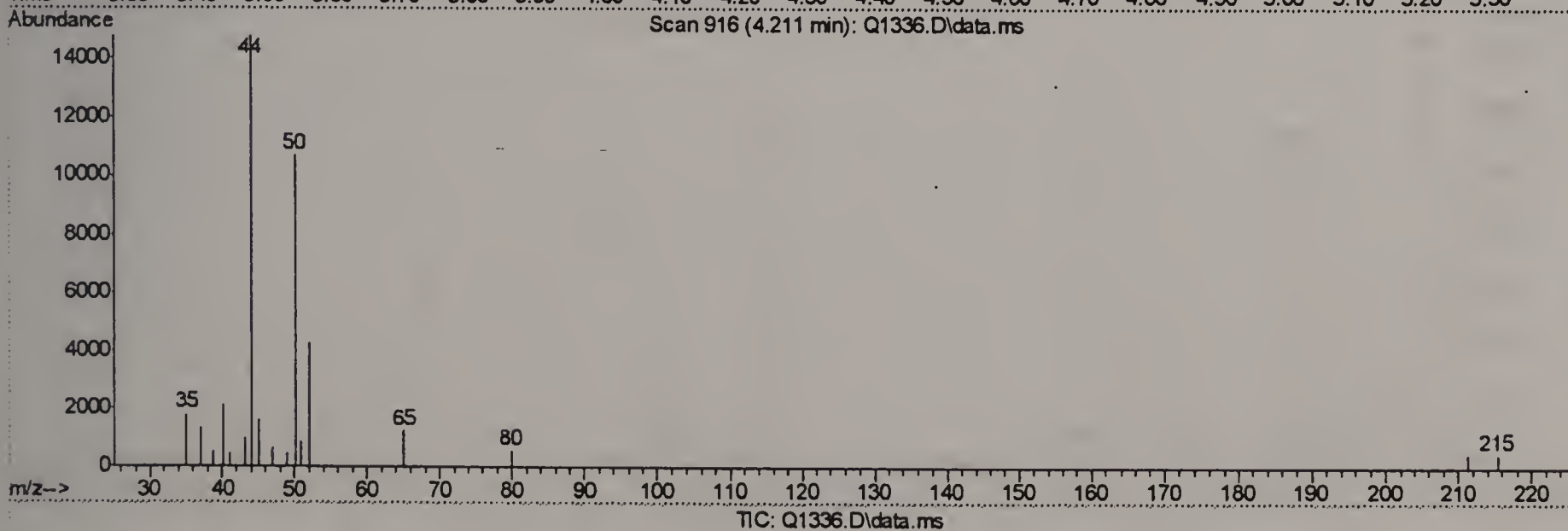
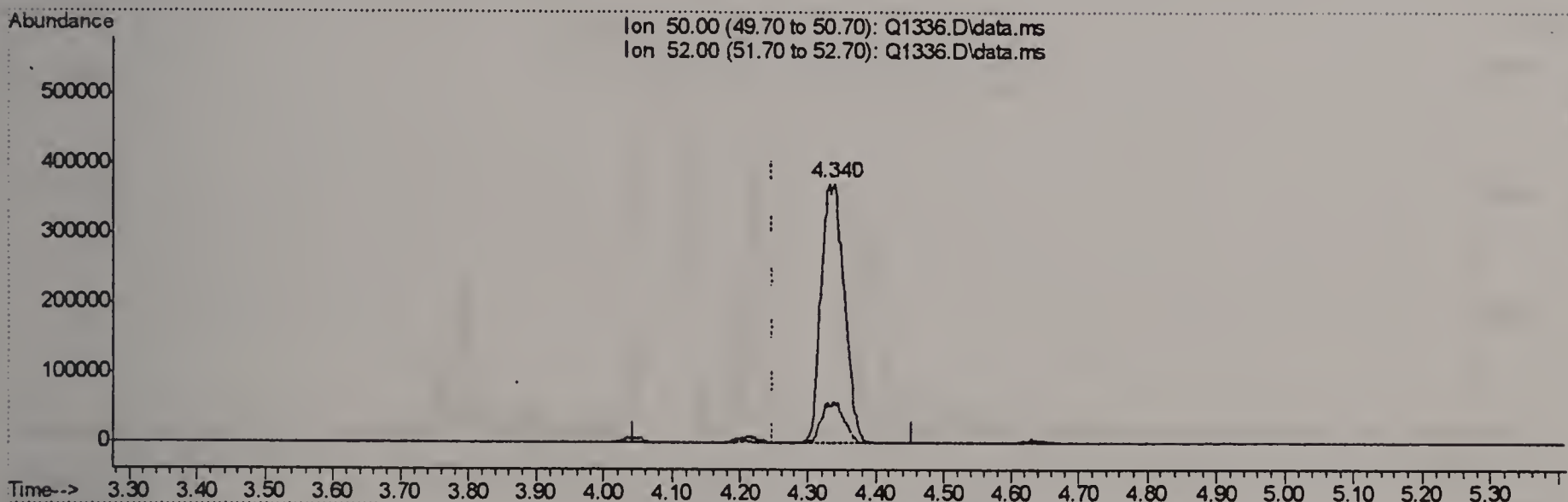
Tgt Ion:146 Resp: 117876
Ion Ratio Lower Upper
146 100
148 53.9 43.5 83.5
111 31.4 22.4 62.4



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.340min (+0.091) 19.20PPBV

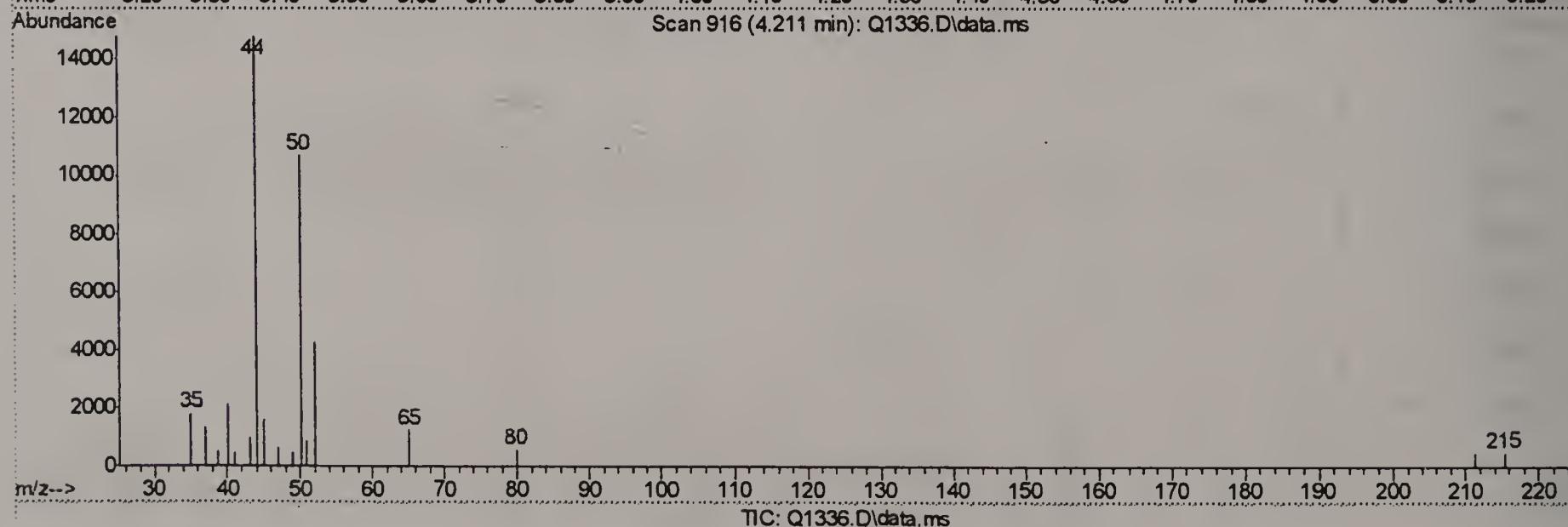
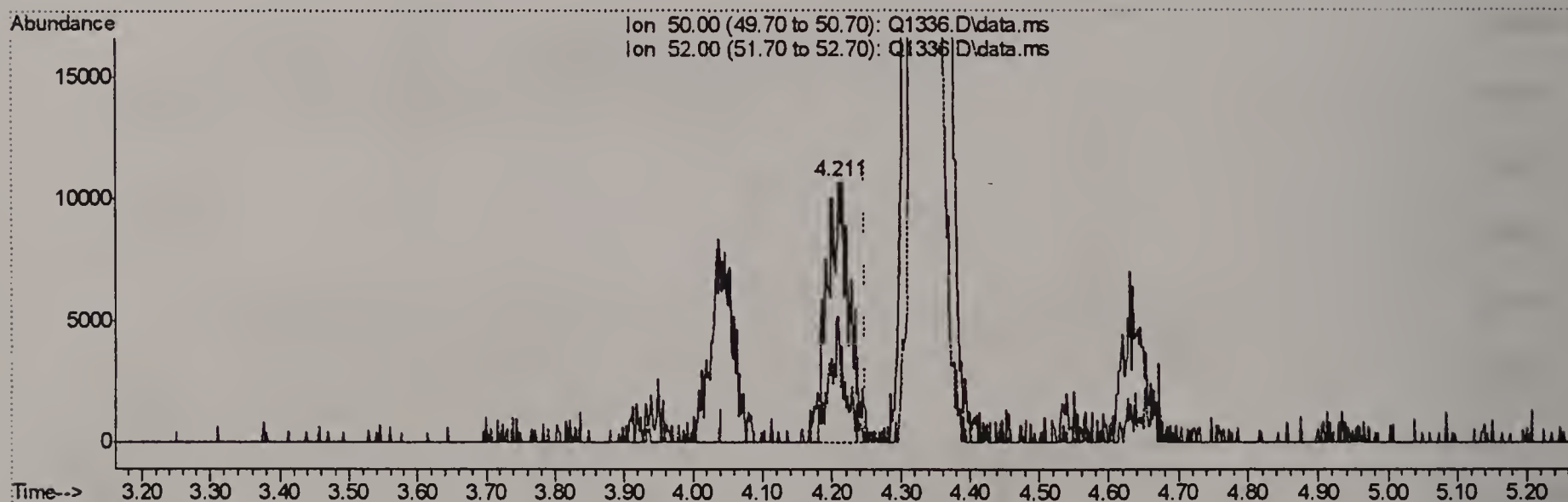
response 897831

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	14.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.52PPBV m

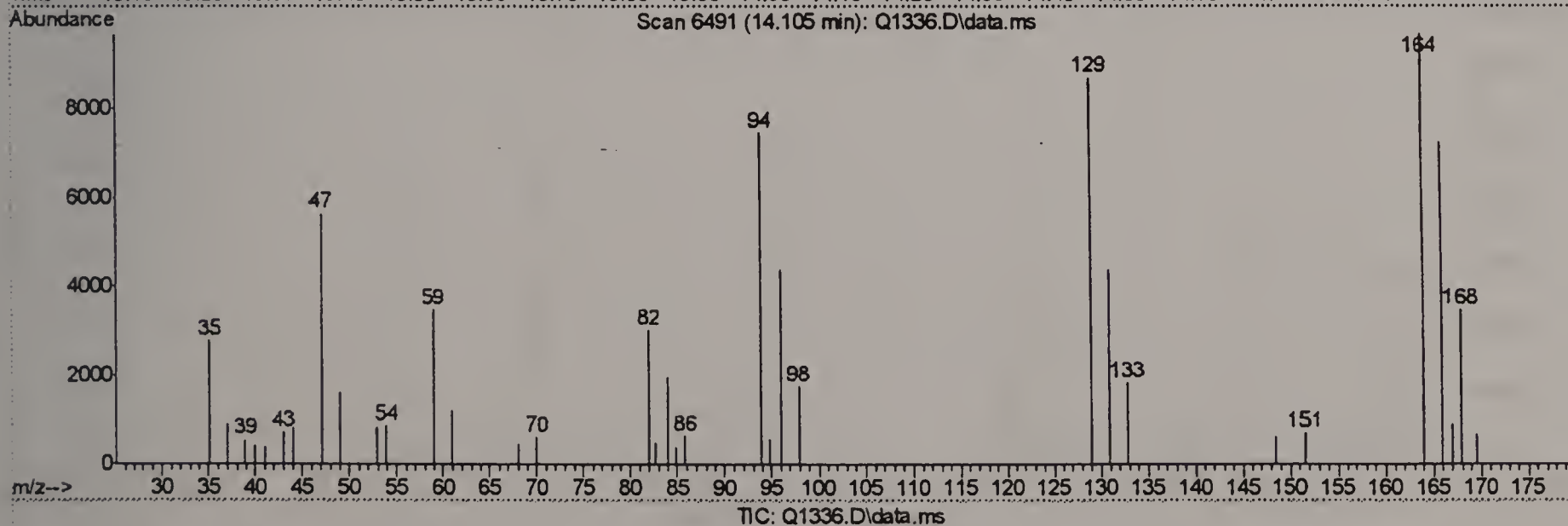
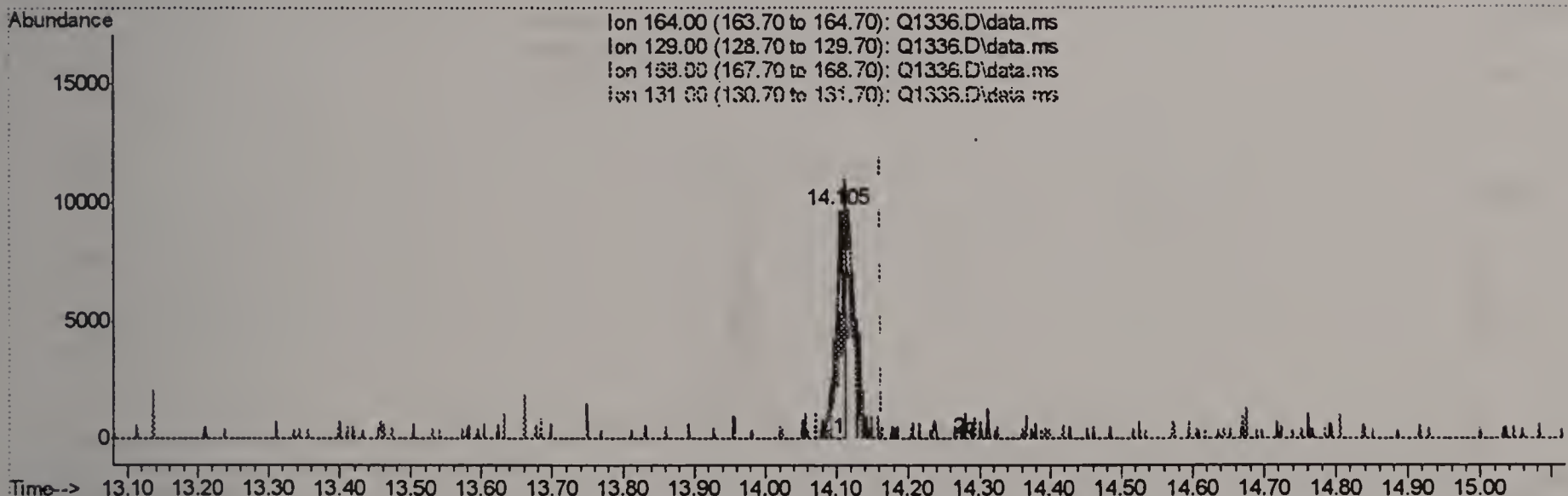
response 24420

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	39.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.105min (-0.058) 0.24PPBV

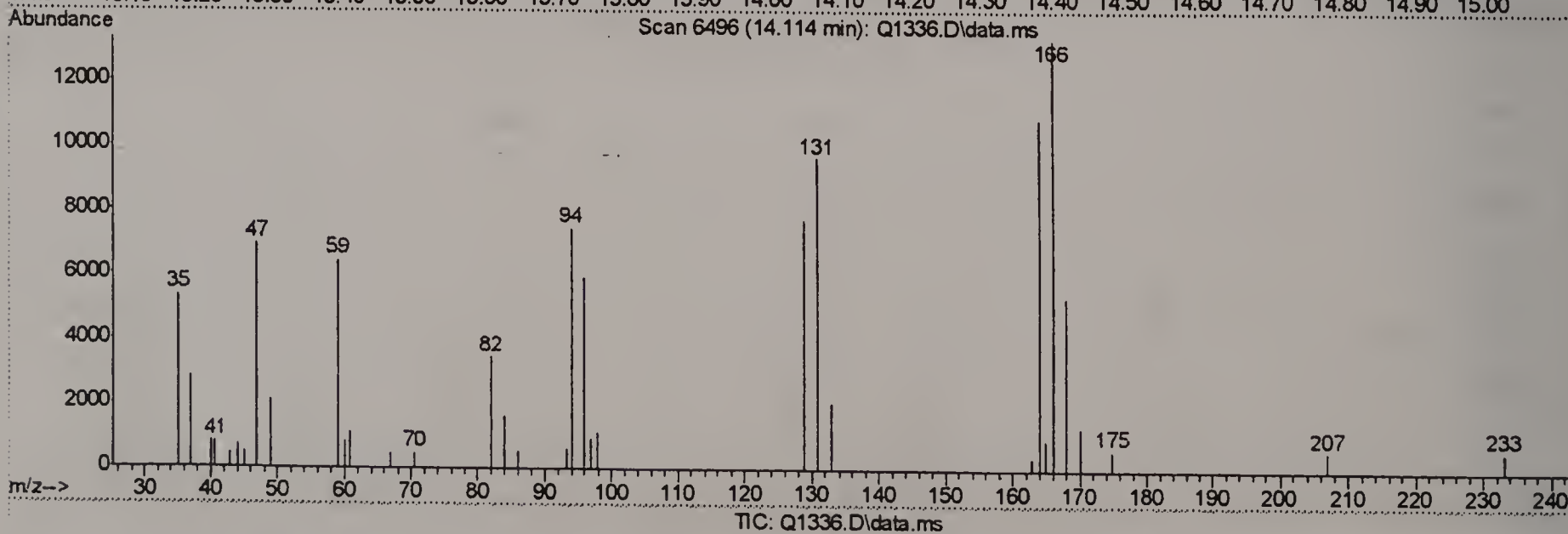
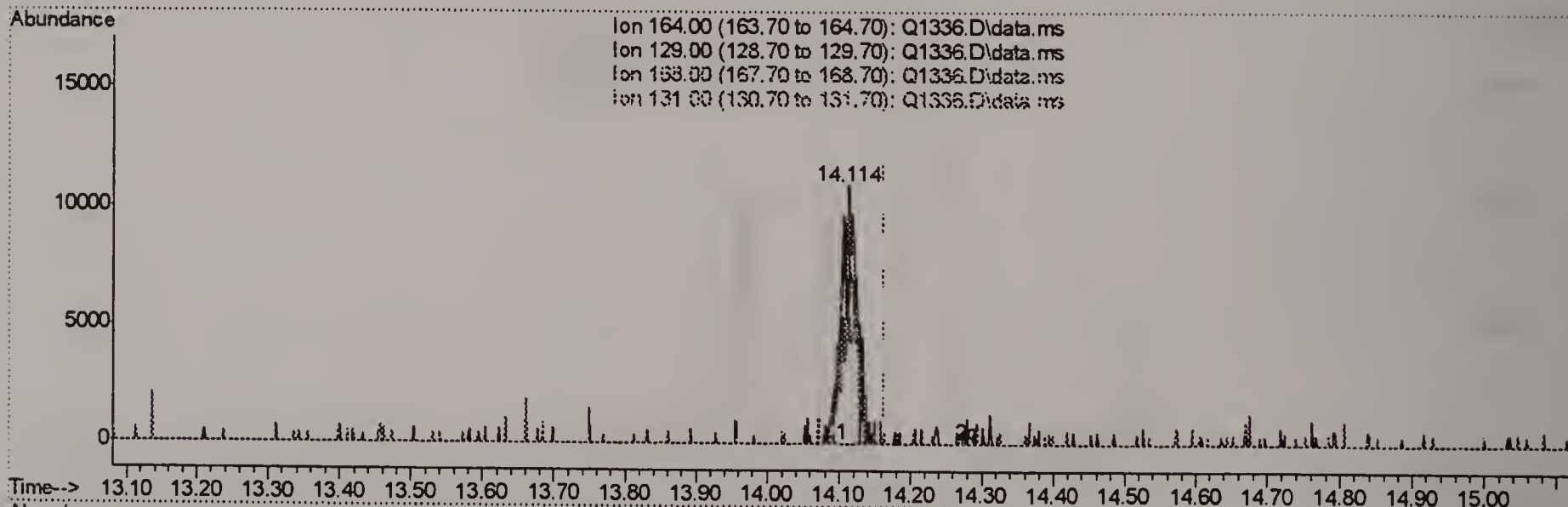
response 7467

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	202.30#
168.00	62.70	120.54#
131.00	95.20	173.16#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.114min (-0.049) 0.50PPBV m

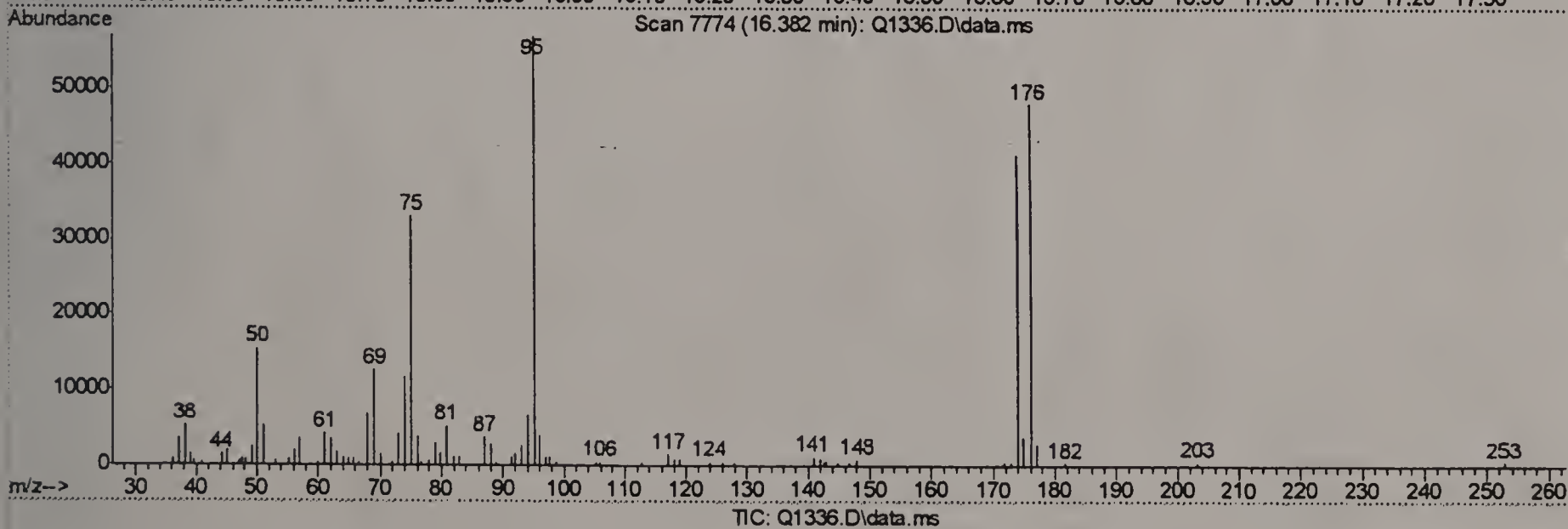
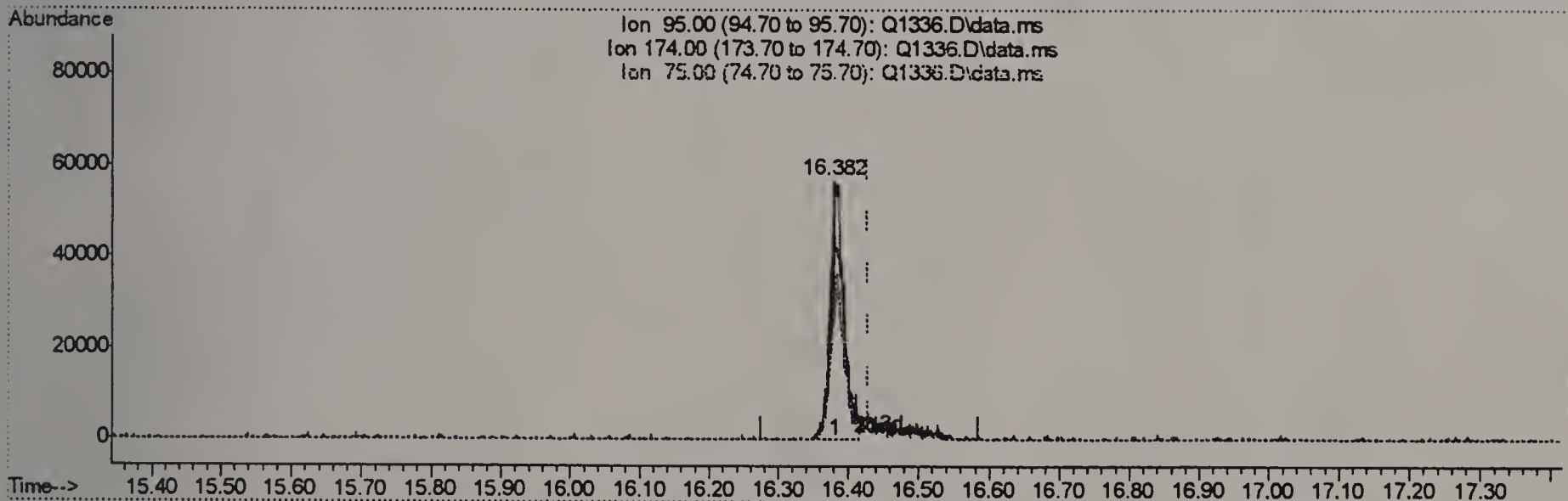
response 15504

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	97.43
168.00	62.70	58.06
131.00	95.20	83.40

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 2.74PPBV

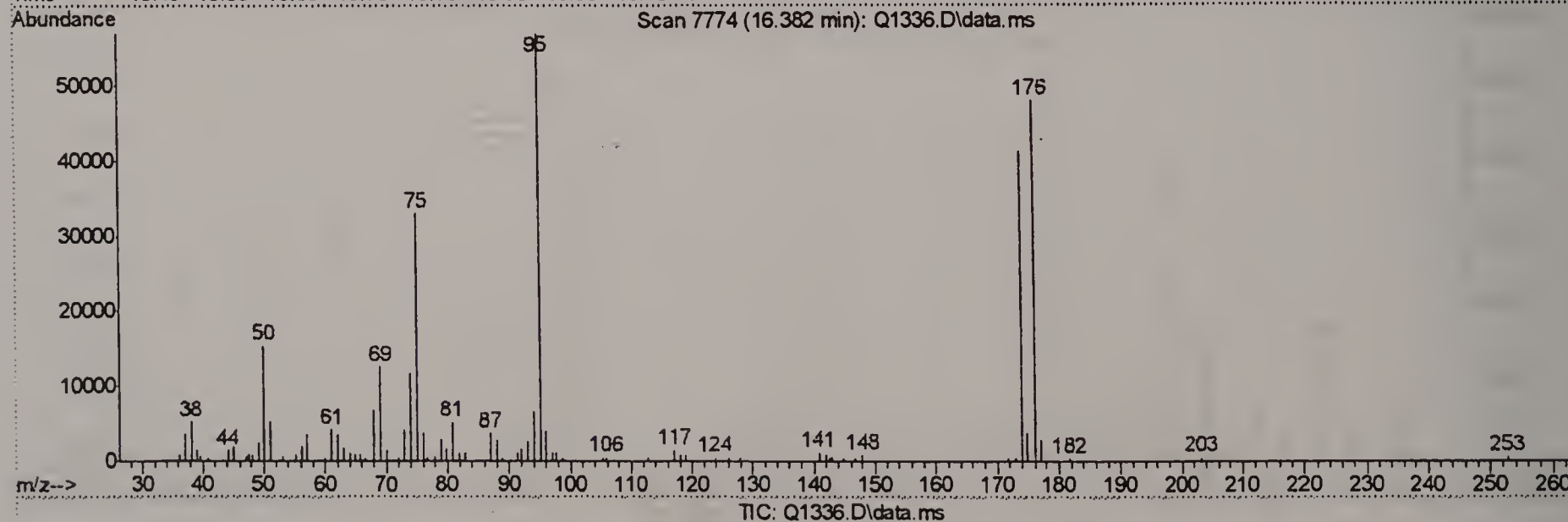
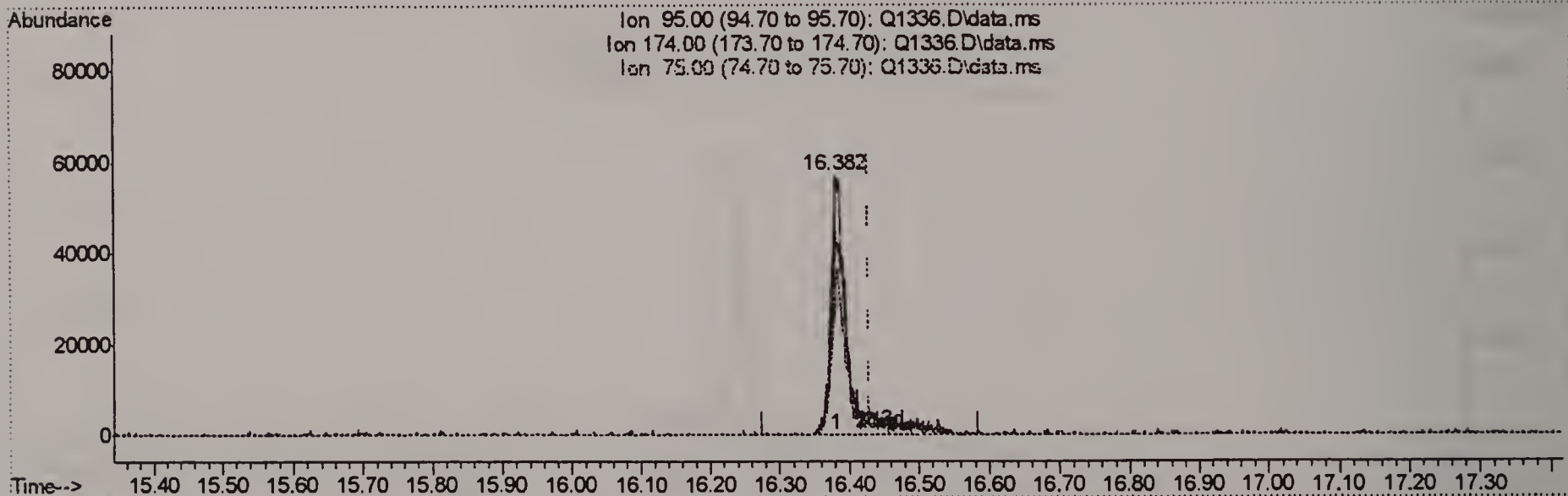
response 81942

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	84.66
75.00	52.30	62.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.36PPBV m

response 100561

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	68.98
75.00	52.30	50.61
0.00	0.00	0.00

Logbook Pages

70-15

(Test)

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	8-7-06
BATCH ID	MSA 68
ANALYST	PR

ALS DATA	
METHOD	TO-15
NAMELIST	NA
QC FILE	N

GC/MS DATA	
METHOD	408026T.2
SEQ	20407065
ICAL	8-7-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA 114	15/55 STD	19/100
MSA 115	TO-15 STD	20/100
MSA 116	TO-15 STD	40/100

Sequence Verified: PR 8-8-06

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q1303	BLIC	M035	TO-15	NA	1	400	1	NA
04	BLIC	↓		↓	1	400		NA
05	10/11/0	M140		MSA 115	2	400		1st Time
06	1068-5					200		0.1
07	-2					80		
08	-5					20		
09	-10					400		
10	-2					8		
11	-20					800		
12	ICL	D-11		MSA 114	3	50	1	15th Low re. r.
13	ICL	D-11		MSA 114	3	100		no run. A.T.C.
14	MR	M035		NA	4	400		Sample error
15	BLIC	M153			5			
16	MS4358-1	M171			6			
17	J-2	M066			7			
18	MS4072-1	M141			8			
19	.1d4	M141			8			
20	.2	M002			9			
21	.3	M161			10			

QA Review: 117 8/8/06

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	8-8-06
BATCH ID	ms069
ANALYST	PH

ALS DATA	
METHOD	70-15
NAMELIST	21
QC FILE	21

GC/MS DATA	
METHOD	Q000766T.N
SEQ	Q0007665
ICAL	8-7-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA 118	15155 STD	46/10016
MSA 185	TC-15 STD	200112
MSA 184	TC-15 STD	200160

Sequence Verified: 18-9-cc

[illegible]

QA Review:

